Klemsan®

PRODUCT CATALOGUE

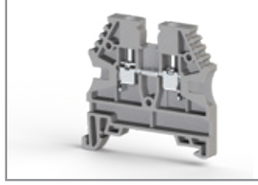
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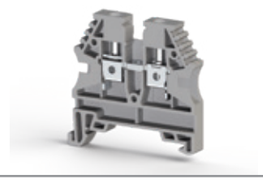
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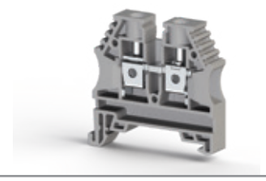
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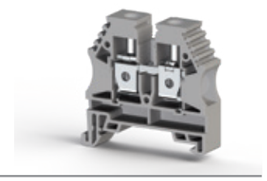
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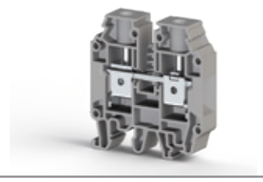
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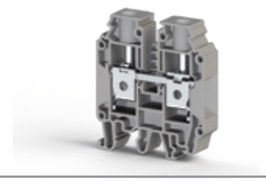
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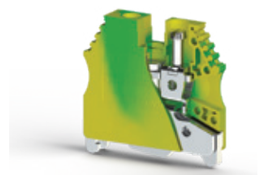


AVK T Series Earth Terminals

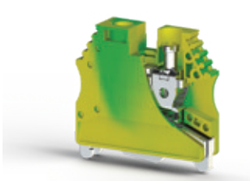
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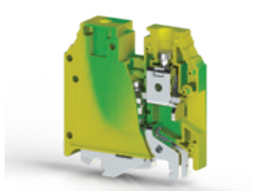
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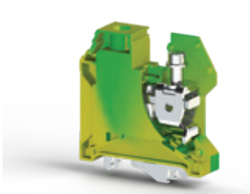
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AVK RD Series Terminals

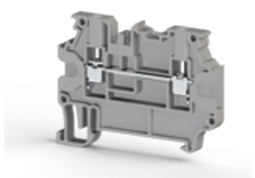
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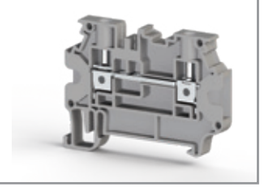
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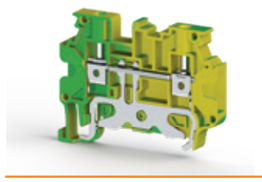
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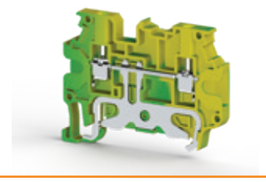
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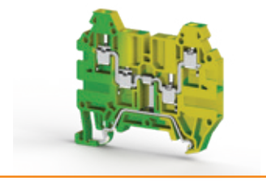
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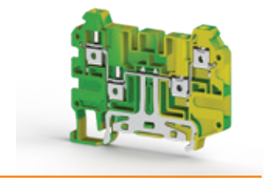
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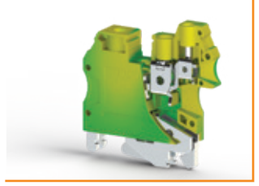
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AVK Series Terminals

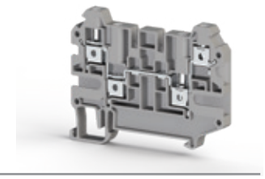
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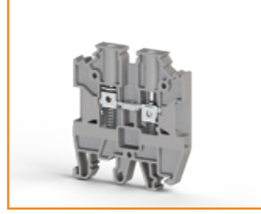


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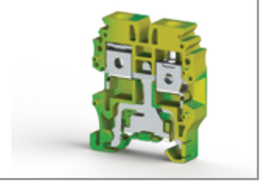
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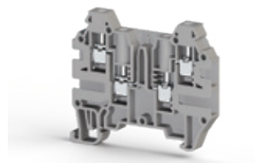


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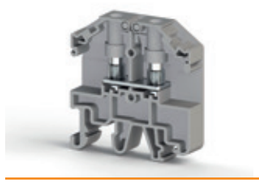


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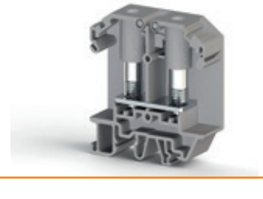
PB 6K/NM
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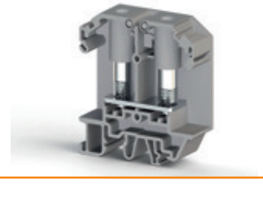
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PB 25/NM (M6)
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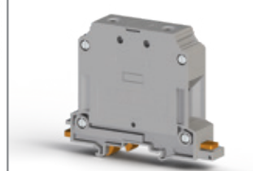


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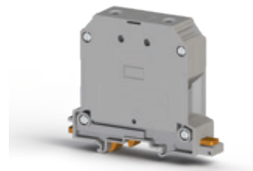


AVK Screw Type High Current Terminals

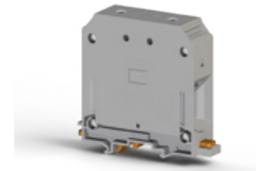
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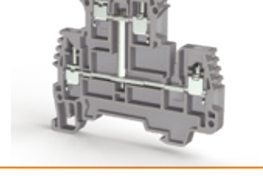
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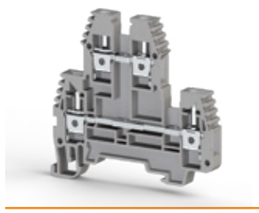


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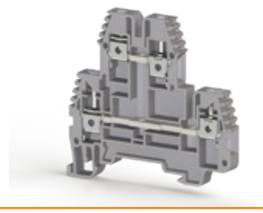


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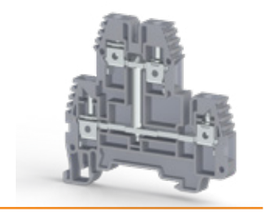
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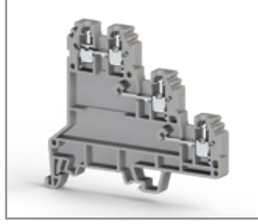


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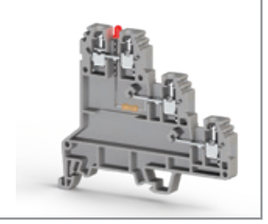


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PUK 3 SLD (NPN)/NM
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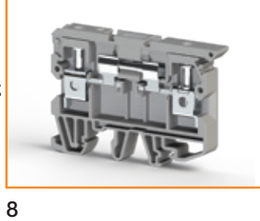


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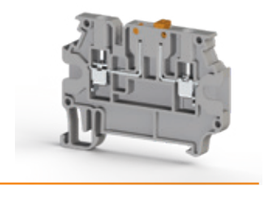
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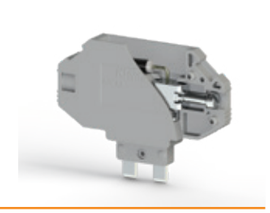
AVK 4 CCA
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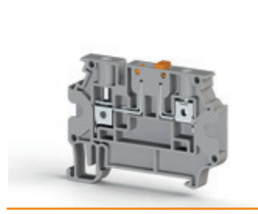
AVK AS
498 959 / Page: 89



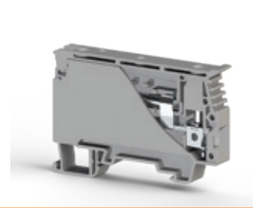
AVK ASD
499 059 / Page: 89



AVK 4 A
304 380 / Page: 90
AVK 4 A/NM
309 179 / Page: 186



ASK 4 B
360 129 / Page: 90



ASK 3 FB
362 009 / Page: 91



ASK 3 MB
363 009 / Page: 91

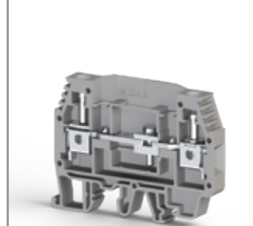


Test and Disconnect Terminals

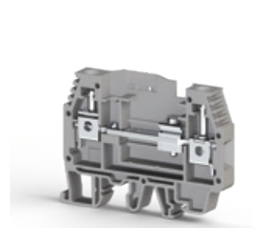
ASK 5 B
353 419 / Page: 91



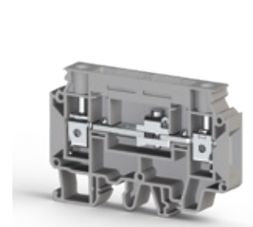
WGO 1
370 590 / Page: 92



WGL 1
375 790 / Page: 92



WGO 2 N
375 890 / Page: 93



Test and Disconnect Terminals

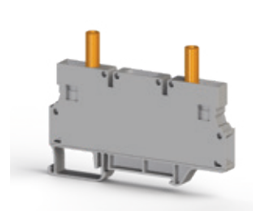
WGO 3
375 600 / Page: 93
WGO 3/NM
309 569 / Page: 200



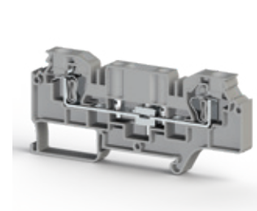
WGO 2 IR
375 909 / Page: 94



WGO 4
376 090 / Page: 94
WGO 4/NM
309 589 / Page: 200

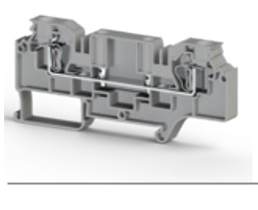


WGO 5
375 190 / Page: 95

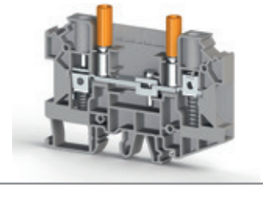


Test and Disconnect Terminals

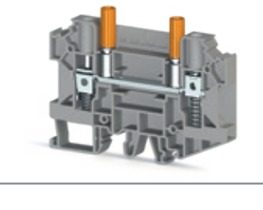
WGO D5
376 290 / Page: 95



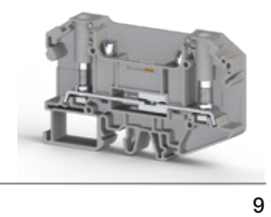
WGO Y 6
375 919 / Page: 96



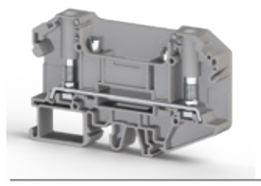
WGO YD 6
375 929 / Page: 96



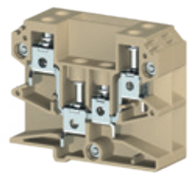
WGO PB 6/NM
308 069 / Page: 97-202



WGO PBD 6/NM
308 079 / Page: 97-202



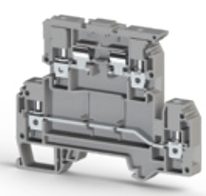
AYK 10/16
395 200 / Page: 100



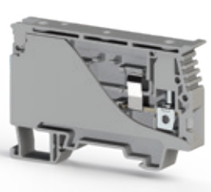
ASK 3 M
355 109 / Page: 103



AVK 4 FS
353 309 / Page: 105



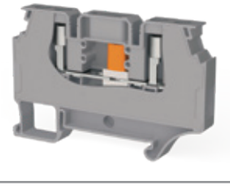
ASK 4 S
351 129 / Page: 107



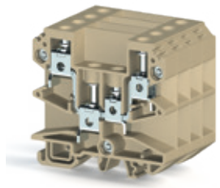
Screw Type Fuse Terminals (American Standarts)

new **WGO 6/NM**
308 609 / Page: 99-201

WGO 6 Series Test and Disconnect Terminals



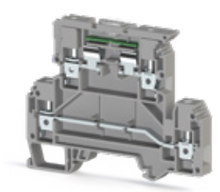
AYK 10/16-2,3,4,5
395 200 / Page: 101



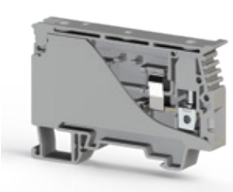
ASK 3 MLD
355 219 / Page: 103



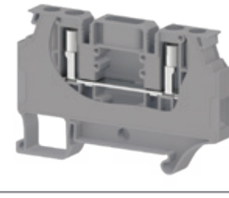
AVK 4 FSLD
353 229 / Page: 105



ASK 4 LD
351 719 / Page: 107



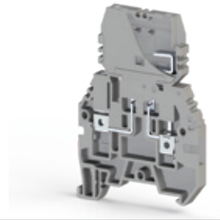
new **WGO D6/NM**
308 619 / Page: 99-201



ASK 2 S
351 109 / Page: 102

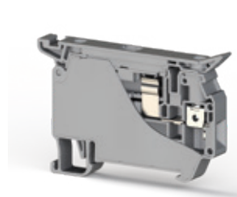


ASK 3 F
354 109 / Page: 104

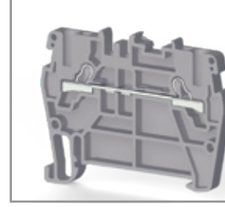


ASK 5
353 409 / Page: 106

ASK 5/NM
315 009 / Page: 203



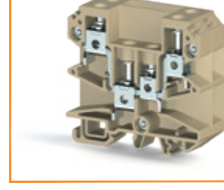
PYK 1,5
307 009 / Page: 114



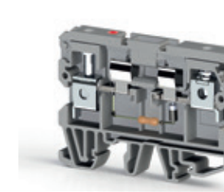
Screw Type Fuse Terminals

Distribution Terminals

AYK 10/16
395 100 / Page: 100



ASK 2 LD
351 219 / Page: 102

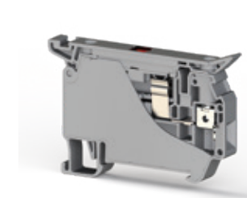


ASK 3 FLD
354 219 / Page: 104

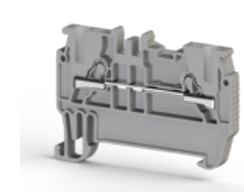


ASK 5 LD
353 429 / Page:106

ASK 5 LD/NM
315 019 / Page:203

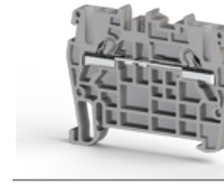


PYK 1,5 M
307 019 / Page: 114

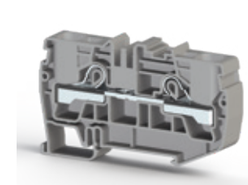


PYK Series Terminals

PYK 2,5
307 109RP / Page: 115



PYK 16
307 659 / Page: 116



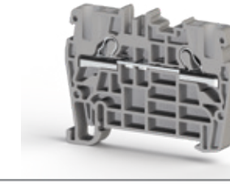
PYK 4 T
336 510 / Page: 119



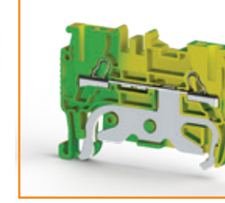
PYK Test
498 559 / Page: 121



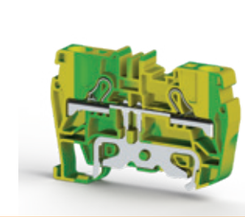
PYK 4
307 119RP / Page: 115



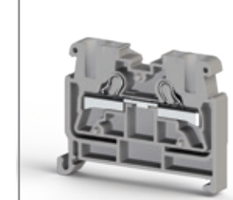
PYK 1,5 MT
336 440 / Page: 118



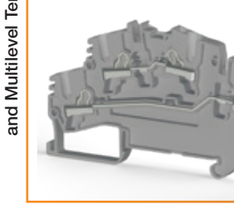
PYK 6 T
336 520 / Page: 120



PYKMR 2,5
307 499 / Page: 122



PYK 2,5 - M2F
307 699 / Page: 126



PYK 2,5 - M2FT
307 709 / Page: 126



PYK Series Double - Deck and Multilevel Terminals

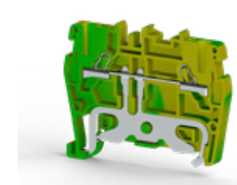
PYKMR Series Mini Terminals

PYK Series Earth Terminals

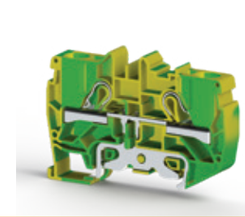
PYK 6
307 129 / Page: 115



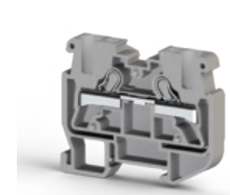
PYK 1,5 T
336 490 / Page: 118



PYK 10 T
336 530 / Page: 120



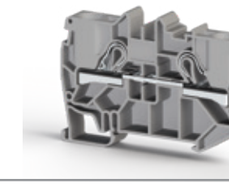
PYKM 2,5
307 399 / Page: 122



PYK 4 - 2 FN
307 579 / Page: 127



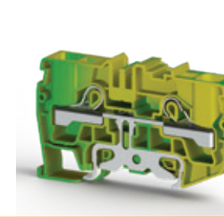
PYK 10
307 139 / Page: 116



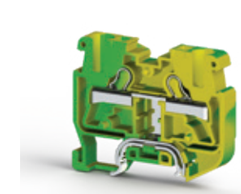
PYK 2,5 T
336 500 / Page: 119



PYK 16 T
336 640 / Page: 121



PYKM 2,5 T
336 430 / Page: 123



PYK 2,5 - 2 F
307 179 / Page: 127



PYK Series Sensor Terminals

PYK 2,5 - 2 FK
307 239 / Page: 127



PYK 2,5 - 2 FLD
307 349 / Page: 128



PYK 2,5 - 2 FD A
307 369 / Page: 128



PYK 2,5 - 2 FD B
307 379 / Page: 129



PYK 2,5 - 3 F
307 199 / Page: 130



PYK 2,5 - 3 FK
307 559 / Page: 130



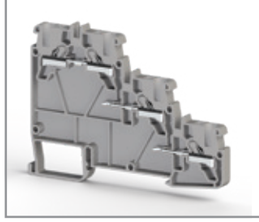
PYK 2,5 - 2 FT
307 189 / Page: 131



PYK 2,5 - 3 FT
307 209 / Page: 131



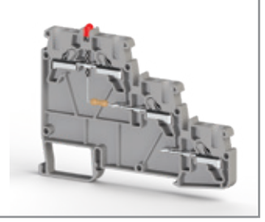
PYK 3 S
307 409 / Page: 134



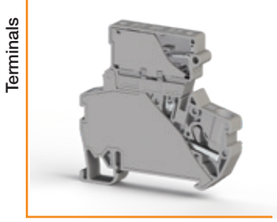
PYK 3 SLD (NPN)
307 419 / Page: 134



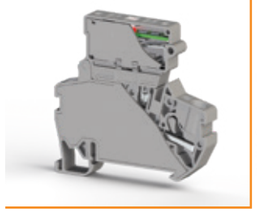
PYK 3 SLD (PNP)
307 429 / Page: 135



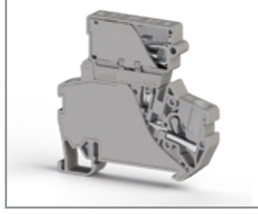
PYK 4 S
307 249 / Page: 136



PYK 4 SLD
307 259 / Page: 136



PYK 4 I
307 319 / Page: 137



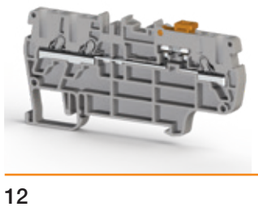
PYK 4 ILD
307 329 / Page: 137



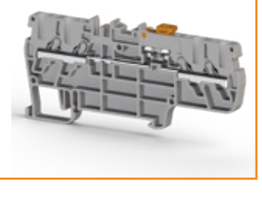
PYK 2,5 A
307 169 / Page: 138



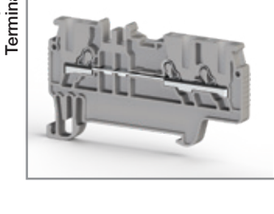
PYK 2,5 EA
307 459 / Page: 138



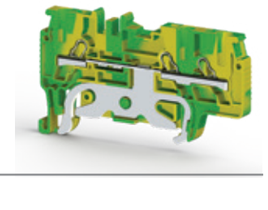
PYK 2,5 CCA
307 219 / Page: 139



PYK 1,5 ME
307 039 / Page: 142



PYK 1,5 MET
336 460 / Page: 142



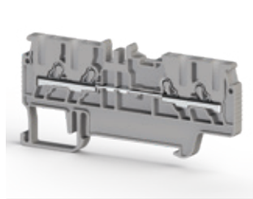
PYK Series Fuse and Disconnect Terminals (American Standard)

PYK Series Disconnect Terminals

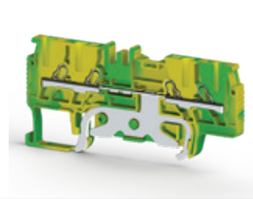
PYK Series Multiple Input/Output Terminals

PYK Series Fuse and Disconnect Terminals

PYK 1,5 MC
307 029 / Page: 143



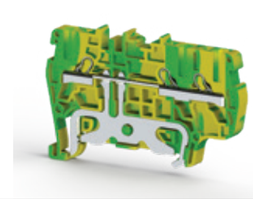
PYK 1,5 MCT
336 450 / Page: 143



PYK 2,5 E
307 439 / Page: 144



PYK 2,5 ET
336 550 / Page: 144



PYK 2,5 C
307 389 / Page: 145



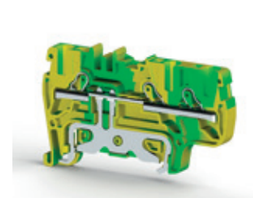
PYK 2,5 CT
336 540 / Page: 145



PYK 4 E
307 229 / Page: 145



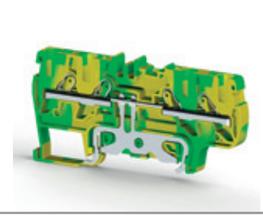
PYK 4 ET
336 600 / Page: 146



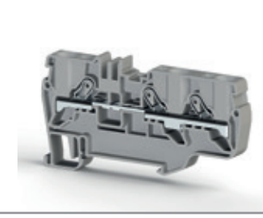
PYK 4 C
307 669 / Page: 146



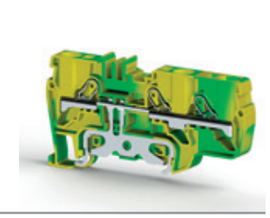
PYK 4 CT
336 610 / Page: 147



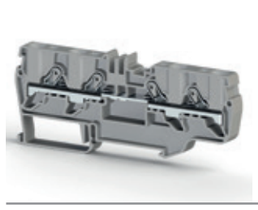
PYK 6 E
307 639 / Page: 148



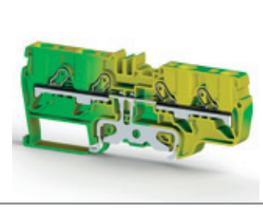
PYK 6 ET
336 620 / Page: 148



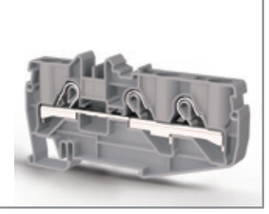
PYK 6 C
307 649 / Page: 149



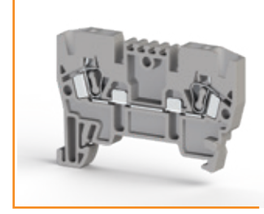
PYK 6 CT
336 630 / Page: 149



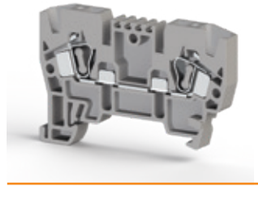
PYK 10 E
307 149 / Page: 149



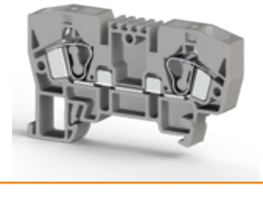
YBK 2,5
306 229 / Page: 152



YBK 4
306 239 / Page: 152



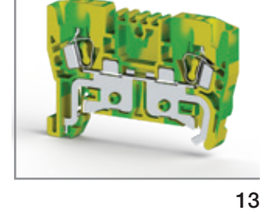
YBK 6
306 249 / Page: 153



YBK 10
306 259 / Page: 153



YBK 2,5 T
336 220 / Page: 154



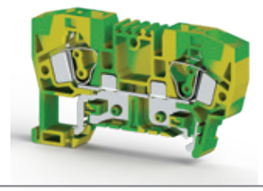
YBK Series Terminals

YBK Series Earth Terminals

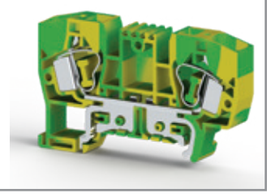
YBK 4 T
336 230 / Page: 154



YBK 6 T
336 240 / Page: 155



YBK 10 T
336 250 / Page: 155

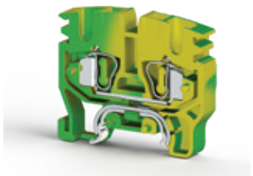


MYK Series Mini Terminals

MYK 2,5
306 429 / Page: 156



MYK 2,5 T
336 420 / Page: 156



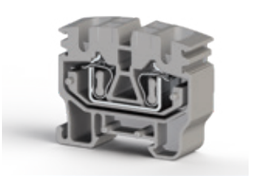
MYPK 2,5
306 439 / Page: 157



MYSK 2,5
306 449 / Page: 157



MYK 2,5 C
306 479 / Page: 158



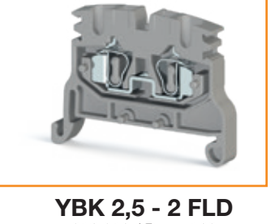
MYPK 2,5 C
306 489 / Page: 158



MYKR 2,5 C
306 499 / Page: 159



MYKR 2,5
306 509 / Page: 159



YBK Series Double - Deck Terminals

YBK 2,5 - 2 F
316 109 / Page: 162



YBK 2,5 - 2 FK
316 129 / Page: 162



YBK 2,5 - 2 FD
316 219 / Page: 163



YBK 2,5 - 2 FLD
316 319 / Page: 163



YBK 4 - 2 F
318 109 / Page: 164



YBK 4 - 2 FK
318 129 / Page: 164



YBK 4 - 2 FD
318 219 / Page: 165

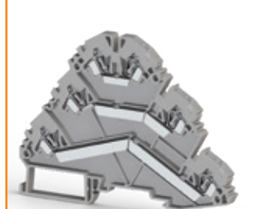


YBK 4 - 2 FLD
318 319 / Page: 165

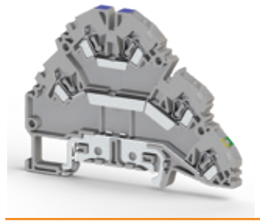


YBK Series Spring Clamp Multilevel Terminals

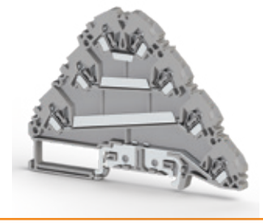
YBK 2,5 - 3 F
324 509 / Page: 166



YBK 2,5 - 2 FT
324 809 / Page: 166



YBK 2,5 - 3 FT
324 609 / Page: 167



YBK 2,5 - 3 FLD (NPN)
324 739 / Page: 167



YBK 2,5 - 3 FLD (PNP)
324 749 / Page: 167



YBK Series Sensor Terminals

YBK 3 S
324 709 / Page: 170



YBK 3 SLD (NPN)
324 719 / Page: 170

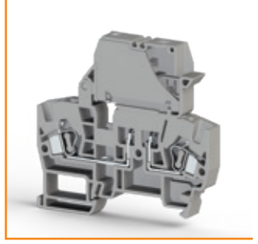


YBK 3 SLD (PNP)
324 729 / Page: 171



YBK Series Fuse and Disconnect Terminals

YBK S
355 119 / Page: 172



YBK SB
363 109 / Page: 172



YBK SLD
355 719 / Page: 173



YBK 2,5 A
353 209 / Page: 173



YBK Series Fuse and Disconnect Terminals (American Standard)

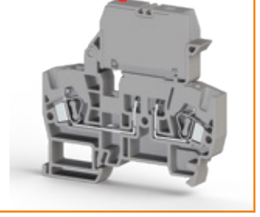
YBK I
355 129 / Page: 174



YBK IB
363 209 / Page: 174



YBK ILD
355 819 / Page: 175

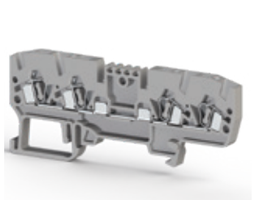


YBK Series Multi Input - Output Terminals

YBK 2,5 E
326 059 / Page: 178



YBK 2,5 C
326 109 / Page: 178



YBK 2,5 CX2
326 209 / Page: 179



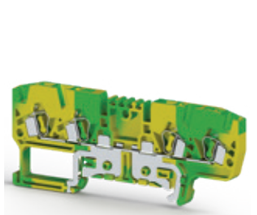
YBK 2,5 CD
326 219 / Page: 180



YBK 2,5 CLD
326 319 / Page: 180

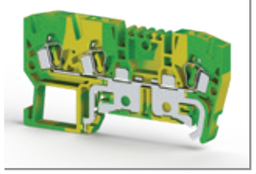


YBK 2,5 CT
336 100 / Page: 181

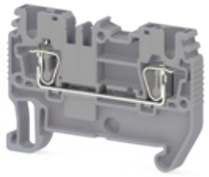


SRD Series Terminals

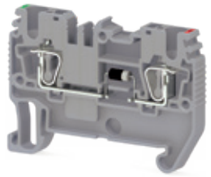
YBK 2,5 ET
336 110 / Page: 181



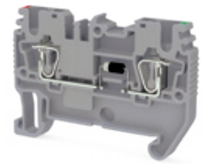
SRD 2,5
311 059 / Page: 210



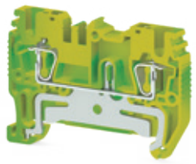
SRD 2,5 D-A
311 069 / Page: 210



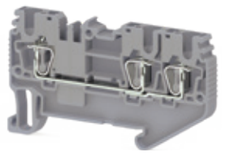
SRD 2,5 D-B
311 09 / Page: 211



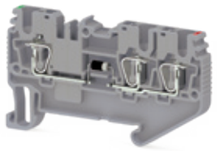
SRD 2,5 T
337 120 / Page: 211



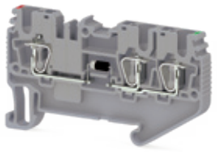
SRD 2,5 E
311 089 / Page: 212



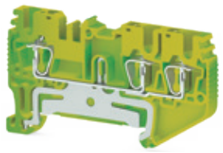
SRD 2,5 ED-A
311 099 / Page: 212



SRD 2,5 ED-B
311 109 / Page: 213



SRD 2,5 ET
337 130 / Page: 213



SRD 2,5 C
311 119 / Page: 214



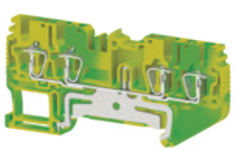
SRD 2,5 CLD-24VAC
311 169 / Page: 214



SRD 2,5 Cx2
311 149 / Page: 215



SRD 2,5 CT
337 140 / Page: 215



SRD 2,5 AD-A
311 249 / Page: 216



SRD 2,5 AD-B
311 259 / Page: 216



SRD 2,5 A
311 239 / Page: 217



SRD 2,5 AK
311 269 / Page: 217



SRD 2,5 EA
311 279 / Page: 218



SRD 2,5 EAK
311 309 / Page: 218



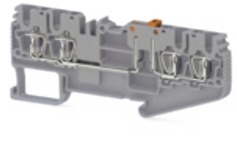
SRD 2,5 EAD-A
311 289 / Page: 219



SRD 2,5 EAD-B
311 299 / Page: 219



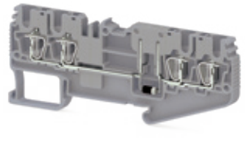
SRD 2,5 CA
311 319 / Page: 220



SRD 2,5 CAK
311 349 / Page: 220



SRD 2,5 CAD-A
311 329 / Page: 221



SRD 2,5 CAD-B
311 339 / Page: 221



SRD 2,5-2F
311 359 / Page: 222



SRD 2,5_2FD-A
311 369 / Page: 222



SRD 2,5-2FD-B
311 379 / Page: 223



SRD 2,5-2FD-L
311 499 / Page: 223

SRD 2,5-2FD-R
311 389 / Page: 223

SRD 2,5-2FK
311 519 / Page: 224

SRD 2,5-2FLD-24VAC
311 409 / Page: 224

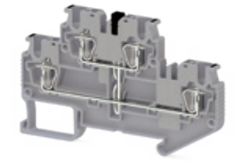
SRD 2,5-F2D-A
311 479 / Page: 225



SRD 2,5-F2D-B
311 489 / Page: 225



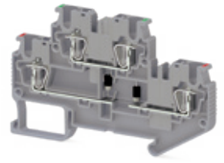
SRD 2,5-FN
311 509 / Page: 226



SRD 2,5-FT
311 529 / Page: 226



SRD 2,5-NT
311 539 / Page: 227



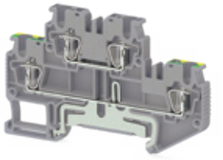
SRD 2,5-2T
337 150 / Page: 227



SRD 2,5-2KF
311 569 / Page: 228



SRD 2,5-3F
311 549 / Page: 228

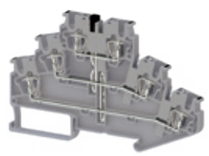


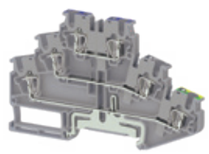
new **SRD 2,5-3FK**
311 559 / Page: 229

new **SRD 2,5-3FLD-24VDC**
311 579 / Page: 229

new **SRD 2,5-2FT**
311 619 / Page: 230

new **SRD 2,5-NFT**
311 669 / Page: 230



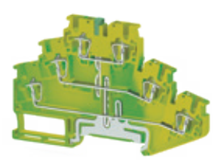



new **SRD 2,5-3T**
337 160 / Page: 231

new **SRD2,5- 3S**
311 629 / Page: 232

new **SRD 2,5-3SLD-NPN**
311 639 / Page: 232

new **SRD 2,5-3SLD-PNP**
311 649 / Page: 233






new **SRD 2,5-2ST**
311 659 / Page: 233

new **SRD 4**
311 679 / Page: 234

new **SRD 4 D-A**
311 689 / Page: 234

new **SRD 4 D-B**
311 699 / Page: 235



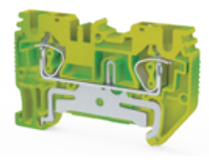


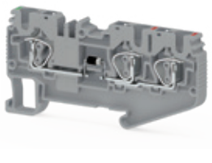
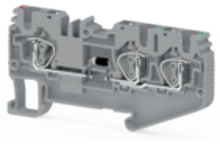

new **SRD 4 T**
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new **SRD 4 E**
311 709 / Page: 236

new **SRD 4 ED-A**
311 719 / Page: 236

new **SRD 4 ED-B**
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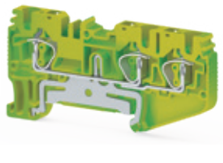
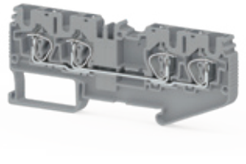



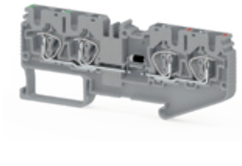
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337 180 / Page: 237

new **SRD 4 C**
311 739 / Page: 238

new **SRD 4 CD-A**
311 749 / Page: 238

new **SRD 4 CD-B**
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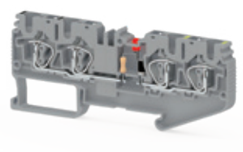


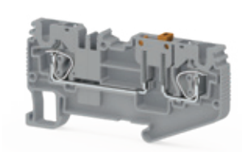
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new **SRD 4 Cx2**
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new **SRD 4 CT**
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new **SRD 4 A**
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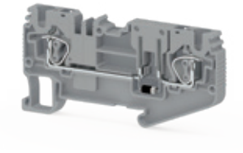
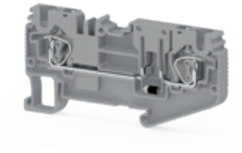
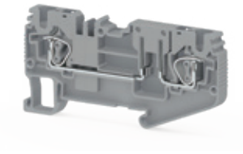
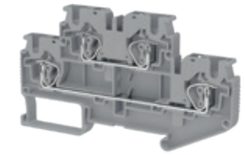



new **SRD 4 AD-A**
311 879 / Page: 242

new **SRD 4 AD-B**
311 889 / Page: 243

new **SRD 4 AK**
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new **SRD 4-2F**
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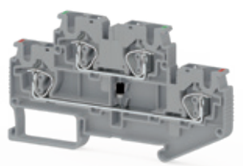
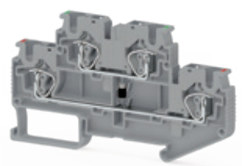
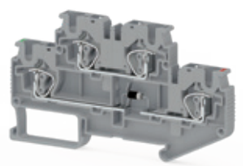
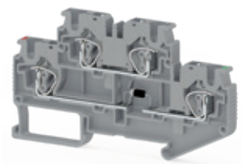





new **SRD 4-2FD-A**
311 919 / Page: 244

new **SRD 4-2FD-B**
311 929 / Page: 245

new **SRD 4-FD-L**
312 049 / Page: 245

new **SRD 4-2FD-R**
311 939 / Page: 245

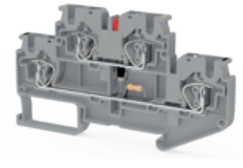
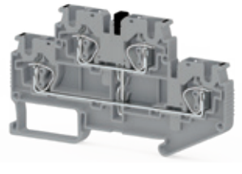
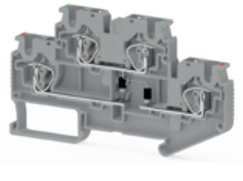
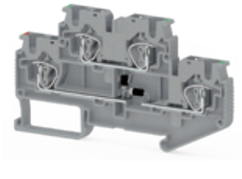





new **SRD 4-2FLD 24VAC**
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new **SRD 4-2FK**
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new **SRD 4-F2D-A**
312 029 / Page: 247

new **SRD 4-F2D-B**
312 039 / Page: 247

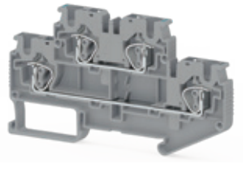
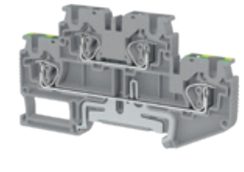
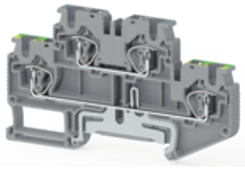
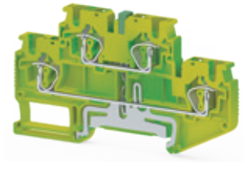





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312 059 / Page: 248

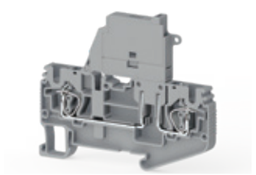
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312 079 / Page: 248

new **SRD 4-NT**
312 089 / Page: 249

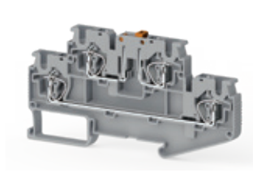
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337 150 / Page: 249

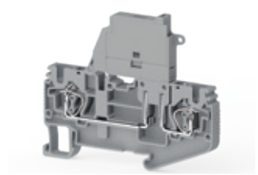
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312 119 / Page: 250



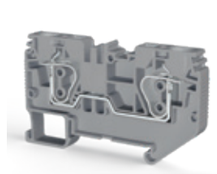
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312 099 / Page: 250



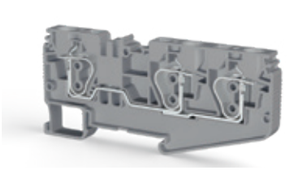
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312 139 / Page: 251



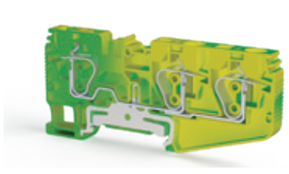
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312 199 / Page: 252



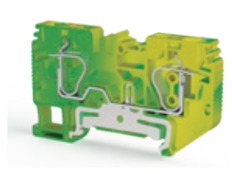
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312 209 / Page: 252



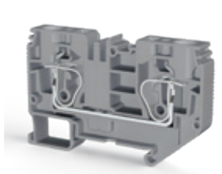
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337 220 / Page: 253



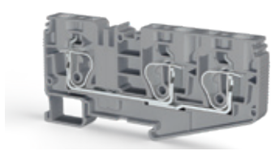
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337 210 / Page: 253



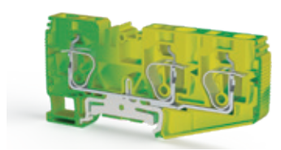
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312 219 / Page: 254



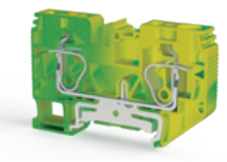
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312 220 / Page: 254



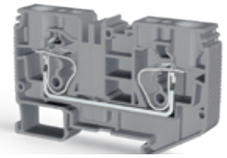
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337 240 / Page: 255



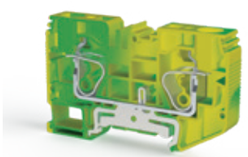
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337 230 / Page: 255



new **SRD 16**
312 239 / Page: 256

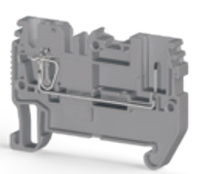


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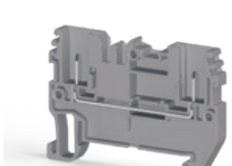


StoP Series Terminals

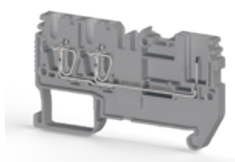
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310 129 / Page: 260



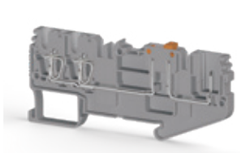
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310 109 / Page: 260



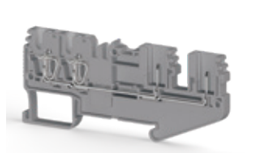
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310 139 / Page: 261



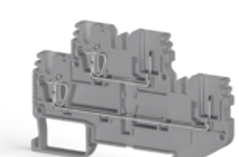
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310 159 / Page: 261



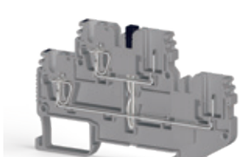
CTP 2.5 C
310 149 / Page: 261



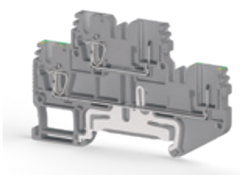
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310 169 / Page: 262



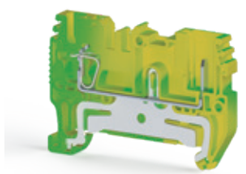
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310 179 / Page: 262



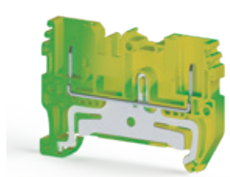
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310 189 / Page: 263



CTP 2.5 T
337 070 / Page: 263



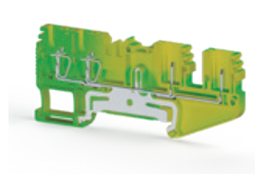
PTP 2.5 T
337 020 / Page: 263



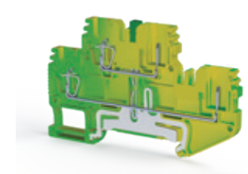
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337 050 / Page: 264



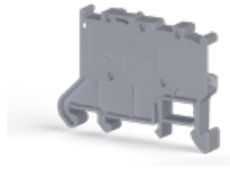
CTP 2.5 CT
337 060 / Page: 264



CTP 2.5 2T
337 070 / Page: 265



SC-PTR 2.5
310 949 / Page: 265



SC-PT 2.5
310 929 / Page: 265



SC-PTS 2.5
310 939 / Page: 265

SG-PT 2.5
310 209...379 / Page: 266

SG-PT 2.5 CS
310 389...559 / Page: 266

SG-PT 2.5 AN
310 749...919 / Page: 267

SG-PT 2.5 DB
310 569...739 / Page: 267

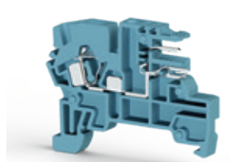


Terminal Blocks for PCB Connectors

PCY 2,5
364 019 / Page: 272



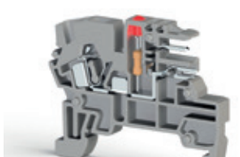
PCY 2,5 N
364 080 / Page: 272



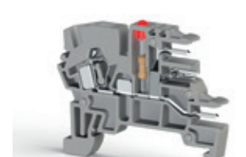
PCY 2,5 E
364 059 / Page: 273



PCY 2,5 L
364 029 / Page: 273

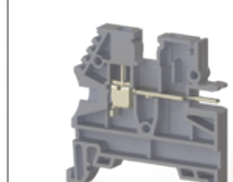


PCY 2,5 EL
364 069 / Page: 273

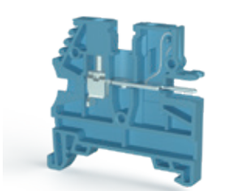


Screw Type Terminal Blocks for PCB Terminals

AVK 2,5 PC
304 610 / Page: 274

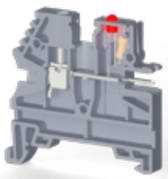


AVK 2,5 PCN
304 621 / Page: 274



Transformer Terminals Blocks

AVK 2,5 PCLD 24VDC
304 630 / Page: 275



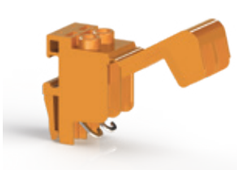
TRV 4
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TRV 4 B
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TRV 4 M
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TRV 4 S
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TRV 4 T
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TRV 10
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Hand Tools

CRIMPER 6
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CRIMPER N 16 H
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CRIMPER N 16 L
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CRIMPER N 50 L
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CRIMPER IT 6 S
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STRIPPER 16
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STRIPPER 28 C
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CUTTER 16
562 110 / Page: 359



CUTTER 32
562 122 / Page: 359



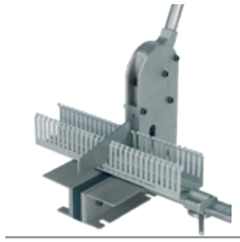
HAND TOOLS SET
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KKMR
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KMK 1002
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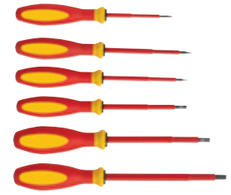
KRKM
500 650 / Page: 360



KT1 6
560 010...060 / Page: 360



IKT1 6
561 010...060 / Page: 360



KK1 2
561 110...120 / Page: 360

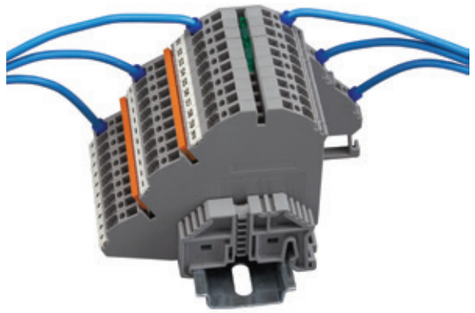


Terminal Blocks

Terminal blocks are components and systems the main function of which is to ensure safe and secure electrical and mechanical conductor connections. The term covers all conceivable types, designs and forms of connection. From the application point of view, the most important group of terminals is that of rail mounted modular terminal blocks.

- The current carrying bar must be made of metals which reduce electrical losses to minimum.
- Insulation material must be nonflammable and self extinguishing.
- The screw must not be loosed due to vibration.
- The current carrying bar must have such a form that the conductor has a strong contact area in the connection point.

The terminal block series should have a complete range together with all the accessories to provide the best solutions in an ideal area.

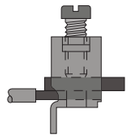


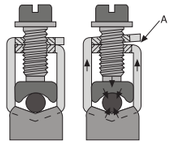
Connection Systems

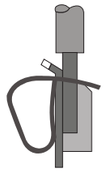
SCREW CONNECTION

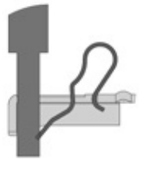
This is the most popular of all known methods of connection. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any special preparation. Klemsan screw clamp system is built in protection against loosening.

When the screw is tightened, the resultant pressure pulls apart both halves of the clamping yoke. This generates a particularly high locking action on the screw. These clamping systems provide excellent vibration resistance.









SPRING CLAMP SYSTEM

The stainless steel spring presses the conductor directly against the current bar. Due to the special construction of the clamping body, the contact force is further increased when pulling the conductor.

PRACTICAL SPRING CLAMP SYSTEM

In addition to spring clamp system, with practical technology, there is no need to use a screwdriver, cable is connected to the terminal by just pushing in.

Materials

KLEMSAN terminals are made of selected standard materials. Insulating materials, clamping and conducting metals are subjected to strict quality control as required by stringent international standards.

Clamping yokes and screws are zinc plated which considerably increases the resistance to corrosion. Current bars are made out of brass / electrolytic copper. Coating of tin / lead oxide, nickel while ensuring surface protection guarantees very low contact resistance.

Engineering thermoplastic Polyamide 6.6 has excellent electrical, mechanical and chemical characteristics even at temperatures as high as 100 ˚C and contain no cadmium based color pigments. Polyamide 6.6 moulded housing absorbs humidity from its surroundings. This makes the plastic material elastic and fracture proof even at temperatures as low as -40 ˚C. Being a self extinguishing material it is difficult to ignite and burns only as long as there is a longlasting supporting flame. It is rated V0 or V2 according to UL94. Good aging resistance and insensitivity to ultraviolet light makes it suitable for tropical and open air applications.

Main Terminology

Modular Terminal Blocks: Modular terminal blocks are used worldwide. Whether they be in distribution boards, control centers or machine control systems, in ships, power stations or railway rolling stock, Klemsan terminals guarantee safe connections in all low voltage installations. In view of this versatile and worldwide application, the materials used and the technical data achieved meet the highest quality standard. Approvals have been obtained from all major industrial countries.

Rated Cross-Sec.: The rated Cross-Sec. of a terminal block is a value of conductor Cross-Sec. which is indicated by the manufacturer and covered by the thermal, mechanical and electrical requirements.

Rated Current: The rated current of a terminal block is a current value which is indicated by the manufacturer and covered the thermal, mechanical and electrical requirements on using the rated Cross-Sec..

The Rated Voltage: The rated voltage of a terminal block is a voltage value which is stated by the manufacturer according to creepage and clearance distances and which does not allow any deformation on product.

Nominal Dimensions: Nominal dimensions are the overall dimensions of the terminal block with fixings, but without tolerances. To the specified terminal with a tolerance of +0.2 mm. must be allowed during design when mounting in rows.

Insulation Stripping Lenght: The required stripping length for every Klemsan product is stated in mm. These lengths must be observed.

End Plate: The last terminal in a rail mounted assembly must be closed with an end plate. The end plate is held in position by the end bracket.

Partition: The partition is required for the visual separation of circuits or for electrical separation in case of adjacent cross connections.

Small Partition: Small partitions can be inserted after assembly into terminal blocks of up to a Max. thickness of 10 mm. between cross connections and test sockets.

Conductors

Aluminum and copper conductors are used for the connection of terminals, but copper conductors are used more frequently. These conductors are divided into two main categories.

1- Rigid conductors
  a- Solid strand
  b- Knitted conductors
2- Fine Strand

Conductor cross sections are distinguished as metric and American standards.

Metric mm²	American AWG / kcmil	Equivalent Cross-Sec. al area mm²
0,2	24	0,205
0,34	22	0,324
0,5	20	0,519
0,75	18	0,82
1	-	-
1,5	16	1,3
2,5	14	2,1
4	12	3,3
6	10	5,3
10	8	8,4
16	6	13,3
25	4	21,2
35	2	33,6
50	0	53,5
70	00	67,4
95	000	85
-	0000	107,2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

AWG : (American Wire Gauge) American standard of measure
1 kcmil : 1000 cmils
1 cmil : (1 circular mil) the area of a circle with a Width of one mil
1 mil : 1/1000 inch

Clearance and Creepage Distances

If the corresponding clearance distance is less than 3 mm, the smallest groove width may be reduced to 1/3 of this clearance distance.
The measuring methods of clearance and creepage distances are revealed in IEC 60947-1 EK G. Projections decrease the creepages with a high level. Therefore, the clearance which has a projection higher than 2mm can be decreased with 80 percent. (FIGURE 1).

Klemsan terminals has pollution degree 3 according to IEC 60947-1 standart. “Conductive pollution or dry, non-conductive pollution occurs liable to be rendered conductive through anticipated moisture condensation.”

Degree of Soiling	Minimum Width “x” in mm
1	0,25
2	1,0
3	1,5
4	2,5

Figure 1

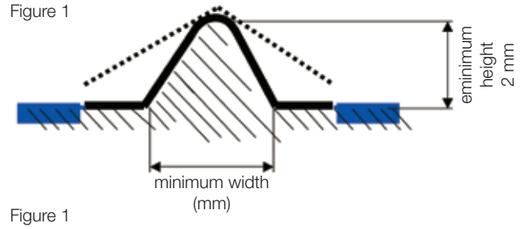
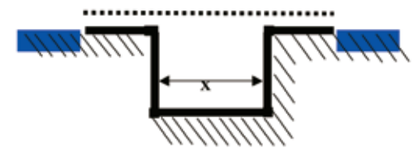


Figure 1



Clearence distances

Creepage distances

Pollution Severities

Pollution Severity is a classification of environmental conditions under which a terminal block operates.
It is not the atmosphere in a terminal block which determines the isolation performance, but it is creepage distance and micro environment of clearance distance which do this. Microenvironment can be better or worse compared to the atmosphere operated in.

There are 4 identified degrees of microenvironment pollution in evaluating creepage and clearance distances.

Pollution Severity 1:
No pollution or only dry and non-conductive pollution

Pollution Severity 2:
Only non-conductive pollution at a normal level. Besides there may be short-time pollution due to the condensation occurring occasionally

Pollution Severity 3:
Either conductive or dry and non-conductive pollution occurring due to the condensation

Pollution Severity 4:
Permanent pollution occurring due to conductive dust, rain or snow.

Isolation Material Groups

Material groups are classified in line with the creepage distance indices (CTI) as shown below:

Material group I 600 ≤ CTI
Material group II 400 ≤ CTI < 600
Material group IIIa 175 ≤ CTI < 400
Material group IIIb 100 ≤ CTI < 175

Specified CTI values directly affect the creepage distances. Below are the distances as regards to some voltage values

Distances are in mm.	Pollution Severity 3			
	Material Group			
Rated Voltage Value (V)	I	II	IIIA	IIIB
400	5	5,6	6,3	6,3
500	6,3	7,1	8	8
630	8	9	10	10

Protection Types

PE CONDUCTOR: The conductor with Earthing protection only. Mounting rails may be used as protective conductor busbars, provided that the values specified in below table for thermal short-time withstand current and thermal rated current are not exceeded.

Rail Profile	Material	Equivalent E.Cu Cross-Sec. (mm^2)	Short time withstand current (A)	Thermal rated current of a PEN busbar (A)
MR 15 x 5,5	Steel	10	1,2	-
	Copper	25	3	101
	Aluminum	16	1,92	76
G - Type Rail / MR 32	Steel	35	4,2	-
	Copper	120	14,4	269
	Aluminum	70	8,4	192
MR 35 x 7,5	Steel	16	1,92	-
	Copper	50	6	150
	Aluminum	30	4,2	125
MR 35 x 15	Steel	50	6	-
	Copper	150	18	309
	Aluminum	95	11,4	232

Pen Conductor : The conductor that functions as both protection and neutral conductor. Steel busbar or Steel Rails cannot be used as PEN conductor.

Torque Values of Fastening

In screw type terminals torque values are important. If the connector is tightened less than the required value, resistance and heating would appear. On the contrary, when extreme force is applied during fastening, the molecular structure of the metal would distort and heating could appear in conclusion. Therefore, if the nominal torque values obtained by IEC are applied, the probable risks would be eliminated.

Torque values based on IEC 60947-1 Table 4;	Torque (Nm)		
Screw Width Values (mm)	I	II	III
Screws with Widths smaller than 1.6 mm	0,005	0,1	0,1
1,6 - 2	0,1	0,2	0,2
2 - 2,8	0,2	0,4	0,4
2,8 - 3	0,25	0,5	0,5
3 - 3,2	0,3	0,6	0,6
3,2 - 3,6	0,4	0,8	0,8
3,6 - 4,1	0,7	1,2	1,2
4,1 - 4,7	0,8	1,8	1,8
4,4 - 5,3	1,2	2	2
5,3 - 6	2,5	2,5	3
6 - 8	-	3,5	6
8 - 10	-	4	10
10 - 12	-	-	14
12 - 15	-	-	19
15 - 20	-	-	25
20 - 24	-	-	36
Screws with Widths bigger than 24 mm	-	-	50

COLUMN I Applied to the headless screws fixing in the cavity and
other screws which cannot fastened by screw-drivers.

COLUMN II Applied to all screws fastened by screw-drivers.

COLUMN III Applied to screws and nuts fastened by other devices.

Ref: IEC 60947-1/ IEC 60999-1
Klemsan apply security tests to its screw-type terminals with doubled values of IEC torque standards.

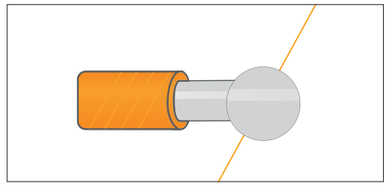
Precautions For Aluminium Cable Usage In Klemsan Terminal Blocks

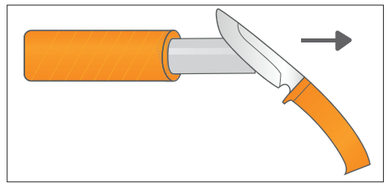
- Precautions against oxidation should be taken while using aluminium cables.
- There are several special products against oxidation, however the most practical and easy solution is using vaseline.
- Application of vaseline on the stripped parts of the aluminium cables that contacting the terminal block, will prevent oxidation.

Otherwise, the bare cable ends contacts the air and will start a rapid oxidation in the terminal block. Voltage values will drop consequently

- If cutting the oxidized cable end is not needed, the oxide layer can be cleaned manually with a knife carefully to not affect the cable cross-section.
- Vaseline is applied to the surfaces after the cleaning process.









- Aluminium cables are not flexible as copper cables, therefore they are mostly in solid and stranded form.
- While using aluminium cables, especially the stranded types, conductive materials should be carefully watched against braking and cracking.

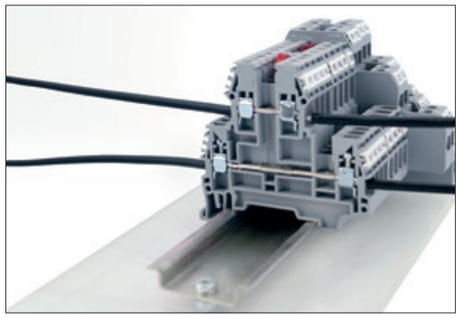
Otherwise, the cross-section of the cable will decrease and terminal temperatures will increase as a result.

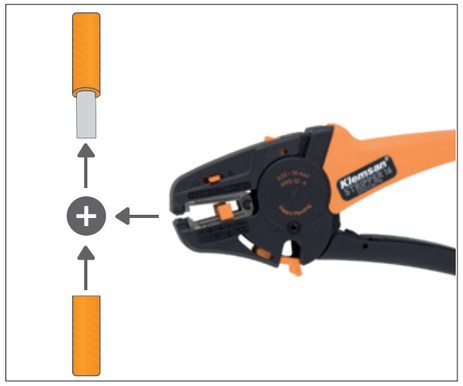
Conductivity rates of aluminium cables are lower than copper cables.

- Rated current values indicated in the terminal block data sheets should **not** be considered while using aluminium cables.

While using aluminium cables, the current rate indicated for copper cables should be multiplied by 0.7, the result will give the maximum current value which should not be exceeded unless otherwise indicated.



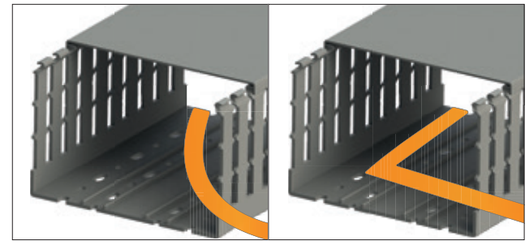




- Maximum torque values indicated in the technical specifications should not be exceeded while using aluminium cables.
- Users should check the tightening process every other day according to the torque values indicated in terminal block data sheets and make sure that the screws are correctly tightened in the given maximum torque value.
- Aluminium cables get softer in time and this cause the connection loose. Connections should be checked regularly as indicated above
- Stripping lengths indicated in the terminal block data sheets are quite important especially for aluminium cable connections.
- Aluminium cables without insulation can easily become oxidized.

- Narrow curves or corners should be avoided while using aluminium cables within panels and wiring ducts, wiring ducts corners should be as wide as possible.

Otherwise, risks of cable braking, bending or cracking possibilities will increase.



CORRECT ANGLE WRONG ANGLE





- It is recommended to use Al/Cu type insulated cable terminals with stranded aluminium cables.

Terminal Suffix Descriptions

Suffix	Explanations
A	Disconnect (Knife Edge)
AN	Angled
ASK B	Busbar (Glass Fuse Size) Disconnection
AVK B	Busbar Power Terminals
AVK PB	Panel Surface Mounting Terminals
C&CC	2 Input 2 Outputs
CPB	Fork Type Terminals
CS	Cross Connection (for StoP and SRD series)
CTP	Clamp to Pin
D	Diode
D	Direct-Feed through (for WGO types)
E&CE	1 Input 2 Outputs
F	Floor
FB	Socket type busbar disconnection
K	Inner Bridge
LD	LED+Diode
M	Mini
MB	Hinge type busbar disconnection
N	New
NM	New Material, *V0 flammability rating*
PB	Ring Type Terminals
PIK	Two Floor Scrrew Type Terminals
PTP	Pin to Pin
PUK	Three Floor Scrrew Type Terminals
PV	Photovoltaic
R&RD	Redesign
S	Glass Fuse Type (empty)
S	Sensor (PUK 3S-3SLD,PYK 3S-3SLD,YBK 3S-3SLD)
SC-PTR	Female-Rail Mounted
SC-PTS	Female-Panel Surface Mounted
SG-PT	Male
SKT	Socket
SKTD	Socket with diode
SRD	Spring Redesign
StoP	Spring to Pin
T&TK	Earth Terminals

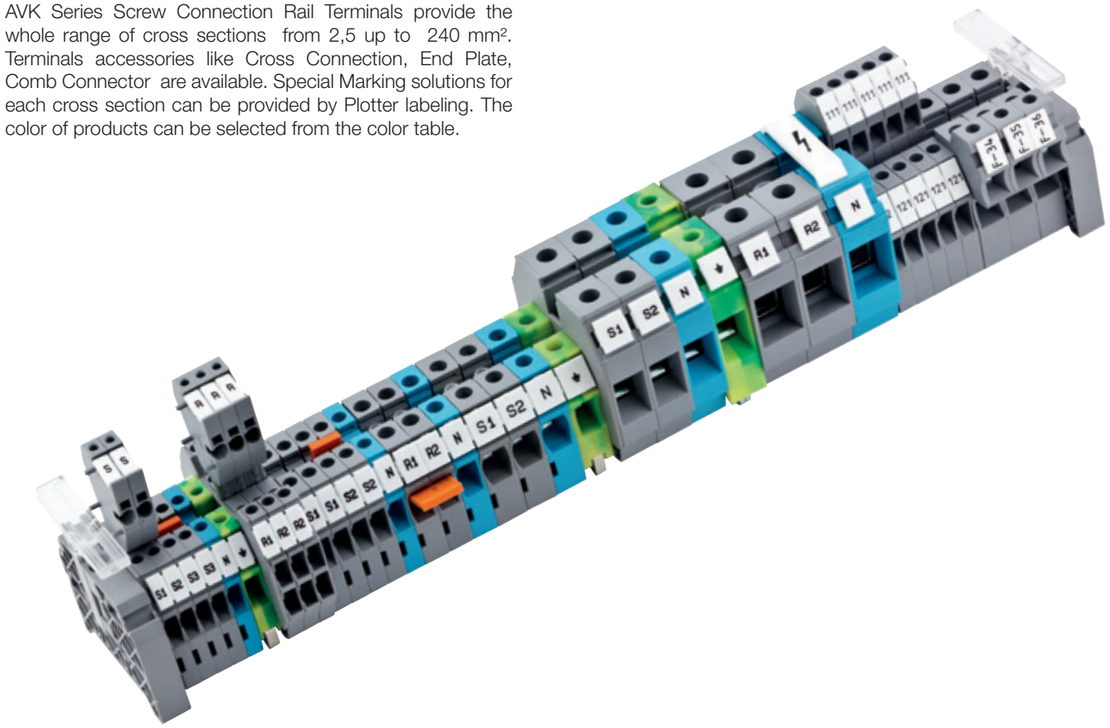
Klemsan Screw Type V0 Product

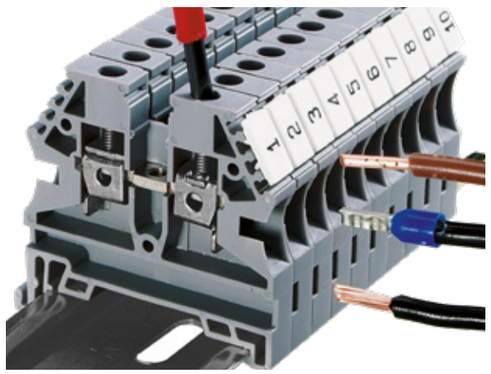
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SCREW TYPE TERMINALS			
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309 009	AVK 2.5/NM	Grey	100
309 159	AVK 2.5 RD/NM	Grey	100
309 011	AVK 4/NM	Blue	100
309 019	AVK 4/NM	Grey	100
309 169	AVK 4 RD/NM	Grey	100
309 021	AVK 6/NM	Blue	100
309 029	AVK 6/NM	Grey	100
309 031	AVK 10/NM	Blue	100
309 039	AVK 10/NM	Grey	100
309 051	AVK 16RD/NM	Blue	50
309 059	AVK 16RD/NM	Grey	50
309 071	AVK 35 RD/NM	Blue	40
309 079	AVK 35 RD/NM	Grey	40
309 089	AVK 35 RDS/NM	Grey	50
309 099	AVK 35I RDS/NM	Grey	50
309 149	AVK 240/NM	Grey	4
309 179	AVK 4A/NM	Grey	50
SCREW TYPE EARTH TERMINALS			
341 010	AVK 2.5-4TK/NM	Yellow / Green	50
341 020	AVK 6TK/NM	Yellow / Green	25
341 030	AVK 10TK/NM	Yellow / Green	25
341 040	AVK 16TRD/NM	Yellow / Green	50
341 050	AVK 35T RD/NM	Yellow / Green	40
341 060	AVK 35 TRDS/NM	Yellow / Green	25
341 090	AVK 2,5T RD/NM	Yellow / Green	50
341 100	AVK 4T RD/NM	Yellow / Green	50
DOUBLE DECK TERMINALS			
309 189	PIK 2,5N/NM	Grey	20
309 199	PIK 2,5NK/NM	Grey	20
309 229	PIK 2,5 NLD/NM 24 VAC	Grey	20
309 239	PIK 2,5 NLD/NM 24 VDC	Grey	20
309 249	PIK 2,5 NLD/NM 48 VAC	Grey	20
309 259	PIK 2,5 NLD/NM 48 VDC	Grey	20
309 269	PIK 2,5 NLD/NM 110 VAC	Grey	20
309 279	PIK 2,5 NLD/NM 110 VDC	Grey	20
309 289	PIK 2,5 NLD/NM 220 VAC	Grey	20
309 299	PIK 2,5 NLD/NM 220 VDC	Grey	20
309 309	PIK 4N/NM	Grey	100
309 319	PIK 4NK/NM	Grey	20
309 349	PIK 4NLD/NM 24 VAC	Grey	20
309 359	PIK 4NLD/NM 24 VDC	Grey	20
309 369	PIK 4NLD/NM 48 VAC	Grey	20
309 379	PIK 4NLD/NM 48 VDC	Grey	20

Cat.No.	Type	Color	Pcs.
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309 409	PIK 4NLD/NM 220 VAC	Grey	20
309 419	PIK 4NLD/NM 220 VDC	Grey	20
309 429	PIK 2,5RD/NM	Grey	100
309 439	PIK 2,5RDK/NM	Grey	100
309 449	PIK 4RD/NM	Grey	100
309 459	PIK 4RDK/NM	Grey	20
315 049	PIK 2,5ND-A/NM	Grey	20
315 059	PIK 2,5ND-B/NM	Grey	20
315 069	PIK 4ND-A/NM	Grey	20
315 079	PIK 4ND-A/NM	Grey	20
MULTILEVEL TERMINALS			
309 469	PUK 2T/NM	Grey	2 0
309 479	PUK 3/NM	Grey	20
309 489	PUK 3T/NM	Grey	20
309 499	PUK 3S/NM	Grey	20
309 509	PUK 3SLD/NM 24 VDC NPN	Grey	20
309 519	PUK 3SLD/NM 24 VDC PNP	Grey	20
FUSE TERMINALS			
315 009	ASK 5/NM	Grey	50
315 019	ASK 5LD/NM 24V (Nonpolarity)	Grey	50
315 029	ASK 5LD/NM 110V (Nonpolarity)	Grey	50
315 039	ASK 5LD/NM 220V (Nonpolarity)	Grey	50
TEST AND DISCONNECT TERMINALS			
309 529	WGO 3/NM Without Socket	Grey	50
309 539	WGO 3/NM One Socket	Grey	50
309 549	WGO 3/NM Double Socket	Grey	50
309 559	WGO 3/NM One Test Socket	Grey	50
309 569	WGO 3/NM Double Test Socket	Grey	50
309 579	WGO 4/NM Without Socket	Grey	50
309 589	WGO 4/NM	Grey	50
309 609	WGO 6/NM	Grey	50
309 619	WGO D6/NM	Grey	50
308 069	WGO-PB6/NM	Grey	50
308 079	WGO-PBD6/NM	Grey	25
PB SERIES TERMINALS			
308 009	PB 6/NM	Grey	40
308 019	PB 6K/NM	Grey	40
308 029	PB 2.5/NM	Grey	45
308 039	PB 2.5K/NM	Grey	45
308 049	PB 25_M5/NM	Grey	10
308 059	PB 25_M6/NM	Grey	10
337 000	PB 6T/NM	Yellow / Green	40
337 010	PB 2.5T/NM	Yellow / Green	45

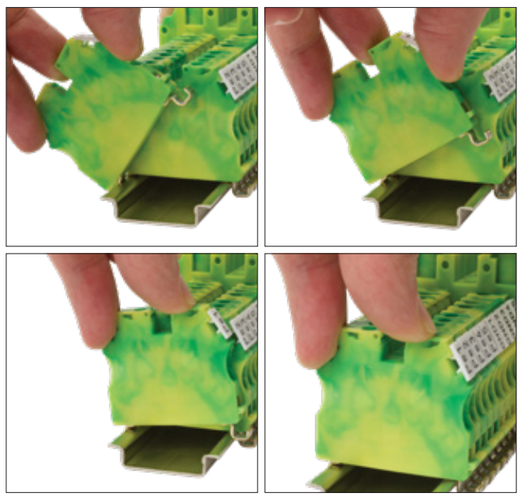
AVK Series Terminals

AVK Series Screw Connection Rail Terminals provide the whole range of cross sections from 2,5 up to 240 mm². Terminals accessories like Cross Connection, End Plate, Comb Connector are available. Special Marking solutions for each cross section can be provided by Plotter labeling. The color of products can be selected from the color table.

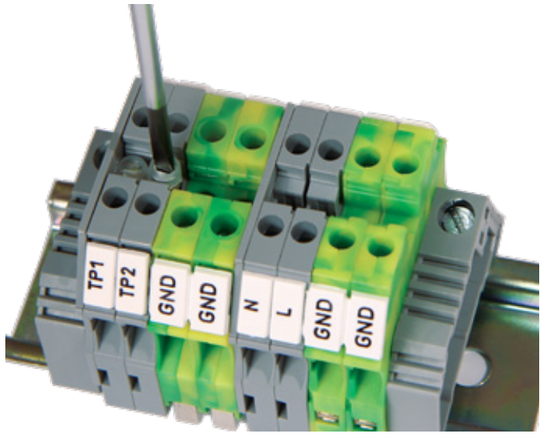


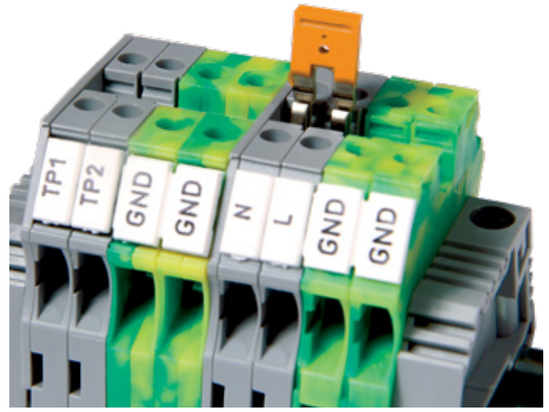


You can safely connect solid and stranded cables with ferrules and also you can use stranded cables without ferrule.

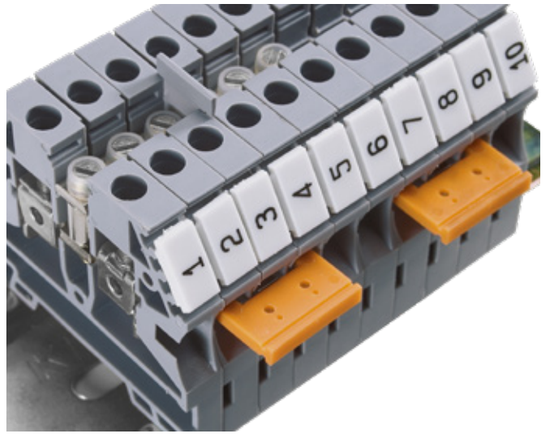


AVK RD series earth terminal blocks provide easy and screwless installation on the rail.





Thanks to push-in type jumpers, AVK RD series 2.5 and 4 mm² cross section feed-through terminal blocks can be cross connected easier and faster way. AVK 2.5 R and AVK 4 R terminals blocks are suitable for double line push-in cross connection, also suitable for strip label.



AVK 2.5 - 4,0 - 6,0 - 10,0 mm² range has the same height and lenght so that, one type of end plate and partition plate can be used.

You can also use comb type cross connection with AVK series terminal blocks in 2.5 - 4 - 6 - 10 mm² cross sections. All AVK series terminal blocks have special marking solutions for your projects.

FEATURE OF AVK EARTH TERMINAL BLOCKS
Screw type earth terminal blocks can meet all important IEC requirements, such as low contact resistance, corrosion-resistant of connection points, secure screws etc. between 2.5 mm² - 50 mm² cross section options.

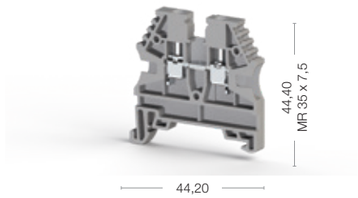
Yellow-green (mixed commando) body color is easily distinguishable from other terminal blocks. They do not cause visual problems when they are mounted side by side on the rail, because they are equal in size with the feed-through terminal block in the same cross section.

EASY RAIL MOUNT AND ASSEMBLY
AVK RD series earth terminal blocks provide easy and screwless installation on the rail. For this reason, they are fast and economical, compared to standard screw type earth terminal blocks.

AVK Series Terminals

AVK 2,5

Width: 5 mm



Cat No:

304 120RP
304 129RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²
UL - CuLus	600	20	AWG 26–12
VDE (IEC 60947-7-1)	750	24	2,5 mm²
CSA	600	20	AWG 28–12
ATEX	630	23	

Connection Data	
Conductor cross section solid (min-max.)	0,2–4 mm²
Conductor cross section stranded (min-max.)	0,2–4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²
AWG Conductor	AWG 24–12
Insulation Stripping Length (min.-max.)	9–10 mm
Torque (min-max.)	0,4–0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate



Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Cross Connection



Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Comb Connector



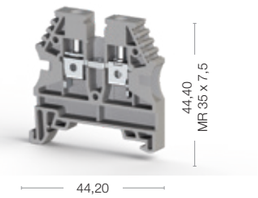
Type	Cat.No.	Qty.
TKO 2,5/2	476 262	25
TKO 2,5/3	476 263	20
TKO 2,5/4	476 264	15
TKO 2,5/10	476 269	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity	
	100 pcs.

AVK 4

Width: 6 mm



Cat No:

304 130RP
304 139RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	32	4 mm²
UL - CuLus	600	30	AWG 26–10
VDE (IEC 60947-7-1)	750	32	4 mm²
CSA	600	30	AWG 28–10
ATEX	630	30,5	

Connection Data	
Conductor cross section solid (min-max.)	0,2–6 mm²
Conductor cross section stranded (min-max.)	0,2–6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24–10
Insulation Stripping Length (min.-max.)	9–10 mm
Torque (min-max.)	0,5–0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Cross Connection

Type	Cat.No.	Qty.
UK 4/2	474 132	25
UK 4/3	474 133	20
UK 4/4	474 134	15
UK 4/10	474 139	5
UK 4/20	474 180	5

Comb Connector

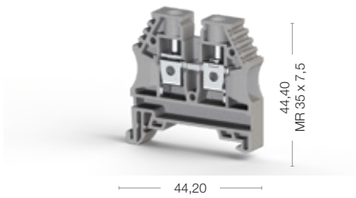
Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity	
	80 pcs.

AVK 6

Width: 8 mm



Cat No:

304 140RP
304 149RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	630	41	6 mm²
UL - CuLus	600	50	AWG 26–8
VDE (IEC 60947-7-1)	630	41	6 mm²
CSA	600	40	AWG 28–8
ATEX	630	41	

Connection Data	
Conductor cross section solid (min-max.)	0,2-10 mm²
Conductor cross section stranded (min-max.)	0,2-10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min-max.)	0,8-1,2 Nm
Screwdriver	IKT 4 (0,8x4)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Cross Connection

Type	Cat.No.	Qty.
UK 6/2	474 142	25
UK 6/3	474 143	20
UK 6/4	474 144	15
UK 6/10	474 149	5

Comb Connector

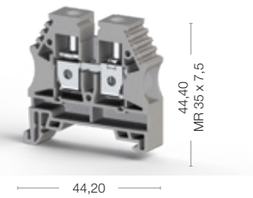
Type	Cat.No.	Qty.
TKO 6/2	476 282	25
TKO 6/3	476 283	20
TKO 6/4	476 284	15
TKO 6/10	476 289	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8

Package Quantity	
	60 pcs.

AVK 10

Width: 10 mm



Cat No:

304 150RP
304 159RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	630	57	10 mm²
UL - CuLus	600	65	AWG 16-6
VDE (IEC 60947-7-1)	630	57	10 mm²
CSA	600	65	AWG 16-6
ATEX	630	57	

Connection Data	
Conductor cross section solid (min-max.)	0,5-16 mm²
Conductor cross section stranded (min-max.)	0,5-16 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-6 mm²
AWG Conductor	AWG 20-6
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min-max.)	1,2-1,8 Nm
Screwdriver	IKT 4 (0,8x4)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Cross Connection

Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Comb Connector

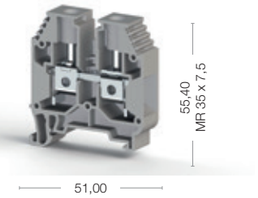
Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity	
	50 pcs.

AVK 16

Width: 12 mm



Cat No:

304 160
304 169

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	76	16 mm²
UL - CuLus	600	85	AWG 12-4
VDE (IEC 60947-7-1)	750	76	16 mm²
CSA			
ATEX	630	71	

Connection Data	
Conductor cross section solid (min-max.)	2,5-25 mm²
Conductor cross section stranded (min-max.)	4-25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	1,5-10 mm²
AWG Conductor	AWG 14-4
Insulation Stripping Length (min.-max.)	12-14 mm
Torque (min-max.)	1,2-2,0 Nm
Screwdriver	IKT 5 (1,0x5,5)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 16	444 160	100
APP/AVK 16	462 160	25

Cross Connection

Type	Cat.No.	Qty.
UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B7
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 12x10, DG 10x10

Package Quantity	
	50 pcs.

Color

Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Color

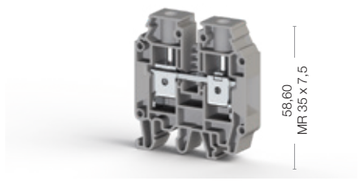
Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

AVK Series Terminals

AVK 16 RD

Width: 12 mm



Cat No:

304 240
304 249

AVK 25 RD

Width: 12 mm



Cat No:

304 290
304 299

AVK 35 RDS

Width: 16 mm



Cat No:

304 580
304 589

AVK 35 IRDS

Width: 16 mm

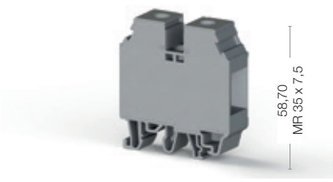


Cat No:

304 590
304 599

AVK 35 RD

Width: 16 mm



Cat No:

304 250
304 259

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	76	16 mm²	750	101	25 mm²	1000	125	35 mm²	1000	125	35 mm²	750	125	35 mm²
UL - CuLus	600	80	AWG 12-4	600	100	AWG 12-2	600	115	AWG 10-2	600	115	AWG 10-2	600	115	AWG 12-2
VDE (IEC 60947-7-1)	750	76	16 mm²										750	125	
CSA	600	80	AWG 12-4										600	115	AWG 12-2
ATEX	630	76											630	125	
Connection Data															
Conductor cross section solid (min-max.)	1,5-25 mm²			1,5-35 mm²			6-50 mm²			6-50 mm²			1,5-50 mm²		
Conductor cross section stranded (min-max.)	1,5-25 mm²			1,5-35 mm²			6-35 mm²			6-35 mm²			1,5-50 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,75-10 mm²			1,5-10 mm²			4-16 mm²			4-16 mm²			1,5-16 mm²		
AWG Conductor	AWG 16-4			AWG 16-2			AWG 10-2			AWG 10-2			AWG 16-2		
Insulation Stripping Length (min.-max.)	12-14 mm			12-14 mm			16-18 mm			16-18 mm			16-18 mm		
Torque (min-max.)	1,2-2,0 Nm			2,0-3,0 Nm			4,0-6,0 Nm			4,0-6,0 Nm			2,5-3,5 Nm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 6 (1,2x6,5)			S 5 (DIN6911)			IKT 6 (1,2x6,5)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/AVK 16 RD	444 170	100	NPP/AVK 25 RD	450 250	50									
	APP/AVK 16 RD	462 170	25										APP/AVK 35 RD	462 180	10
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 16/2	474 162	25	UK 16/2	474 162	25	UK 35/2 RDS	480 212	25	UK 35/2 RDS	480 212	25	UK 35/2	474 172	25
	UK 16/3	474 163	20	UK 16/3	474 163	20	UK 35/3 RDS	480 213	20	UK 35/3 RDS	480 213	20	UK 35/3	474 173	20
	UK 16/4	474 164	15	UK 16/4	474 164	15	UK 35/4 RDS	480 214	15	UK 35/4 RDS	480 214	15	UK 35/4	474 174	15
	UK 16/10	474 169	5	UK 16/10	474 169	5	UK 35/10 RDS	480 219	5	UK 35/10 RDS	480 219	5	UK 35/10	474 179	5
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B7			1/B8			1/B9			1/B9			1/B9		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 12x10, DG 10x10			D_NS 10x10, D_NS 12x10, DG 10x10			D_NS 10x10, D_NS 14x10, DG 10/10			D_NS 10x10, D_NS 14x10, DG 10/10			D_NS 10x10, D_NS 14x10, DG 10/10		
Package Quantity															
	50 pcs.			50 pcs.			50 pcs.			50 pcs.			40 pcs.		

* Higher torque value compare to AVK 35 RD

* Inbus screw

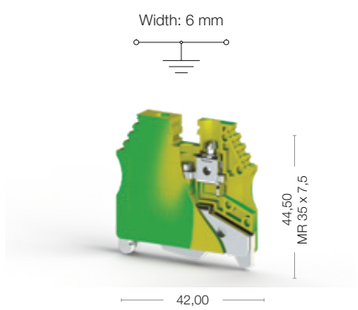
Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

AVK T Series
Earth Terminals

AVK 2,5 / 4 TK

Width: 6 mm

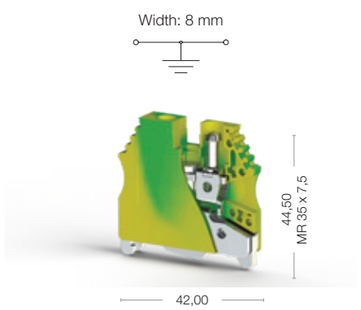


Cat No:

334 450

AVK 6 TK

Width: 8 mm

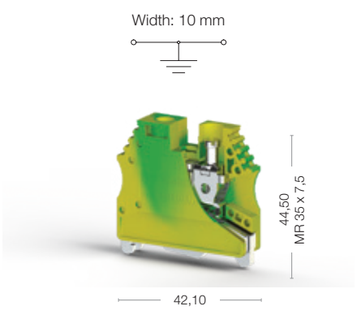


Cat No:

334 460

AVK 10 TK

Width: 10 mm

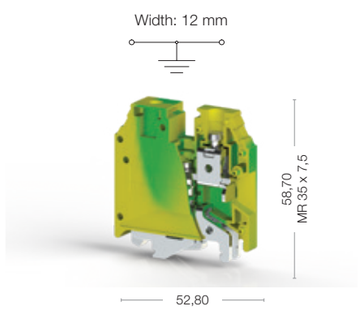


Cat No:

334 470

AVK 16 T RD

Width: 12 mm

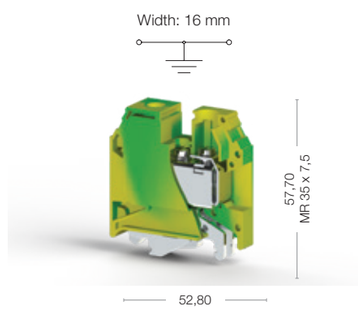


Cat No:

334 200

AVK 35 T RD

Width: 16 mm



Cat No:

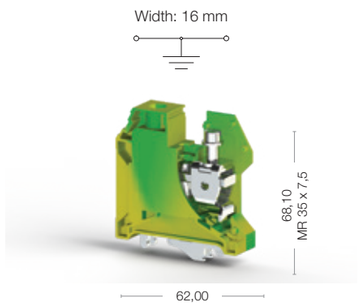
334 210

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5-4 mm²			6 mm²			10 mm²			16 mm²			35 mm²
UL - CuLus			AWG 26-10			AWG 26-8			AWG 16-6			AWG 12-4			AWG 12-2
VDE (IEC 60947-7-2)												16 mm²			35 mm²
CSA												AWG 12-4			AWG 12-2
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-10 mm²			0,5-16 mm²			1,5-25 mm²			1,5-50 mm²		
Conductor cross section stranded (min-max.)	0,2-6 mm²			0,2-10 mm²			0,5-16 mm²			1,5-25 mm²			1,5-50 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-4 mm²			0,5-6 mm²			0,75-10 mm²			1,5-16 mm²		
AWG Conductor	AWG 24-10			AWG 24-8			AWG 20-6			AWG 16-4			AWG 16-2		
Insulation Stripping Length (min.-max.)	9-10 mm			10-12 mm			10-12 mm			12-14 mm			16-18 mm		
Torque (min-max.)	0,5-0,8 Nm			0,8-1,2 Nm			1,2-1,8 Nm			1,2-2,0 Nm			2,5-3,5 Nm		
Rail Tightening torque, (min-max.)	0,4-0,6 Nm			0,6 -0,8 Nm			0,8-1,0 Nm			1,0-1,2 Nm			1,2-1,5 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x4)			IKT 4 (1,2x6,5)			IKT 5 (1,2x6,5)			IKT 6 (1,2x6,5)		
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/B5			1/B6			1/B7			1/B9		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10			D_NS 10x10, D_NS 12x10, DG 10/10			D_NS 10x10, D_NS 1x10, DG 10/10		
Package Quantity															
	50 pcs.			25 pcs.			25 pcs.			50 pcs.			40 pcs.		

AVK T Series
Earth Terminals

AVK 35 T RDS

Width: 16 mm

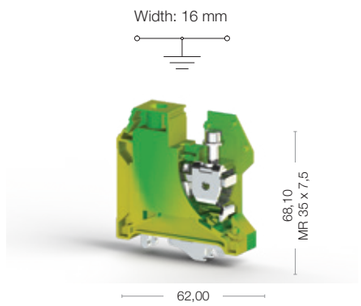


Cat No:

334 240

AVK 35 T IRDS

Width: 16 mm

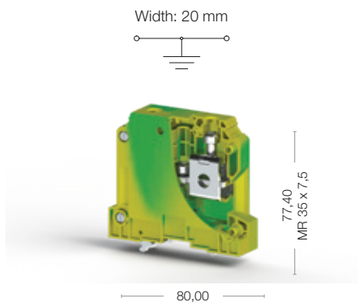


Cat No:

334 250

AVK 50 T

Width: 20 mm



Cat No:

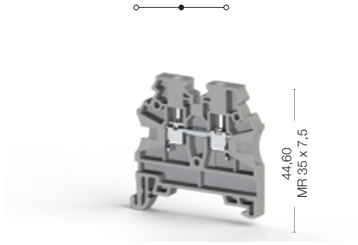
334 190

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			35 mm²			35 mm²				50 mm²
UL - CuLus			AWG 10-2			AWG 10-2				AWG 16-1/0
VDE (IEC 60947-7-2)										
CSA										
ATEX								800		
Connection Data										
Conductor cross section solid (min-max.).	6-50 mm²			6-50 mm²				16-70 mm²		
Conductor cross section stranded (min-max.)	6-35 mm²			6-35 mm²				25-50 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	4-16 mm²			4-16 mm²				10-16 mm²		
AWG Conductor	AWG 10-2			AWG 10-2				AWG 10-1/0		
Insulation Stripping Length (min.-max.)	16-18 mm			16-18 mm				22-24 mm		
Torque (min-max.)	4,0-6,0 Nm			4,0-6,0 Nm				6,0-10 Nm		
Rail Tightening torque, (min-max.)	1,2-1,5 Nm			1,2-1,5 Nm				1,5-2,0 Nm		
Screwdriver	IKT 6 (1,2x6,5)			S 5 (DIN6911)				S 5 (DIN6911)		
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B9			1/B9				1/B10		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 14x10, DG 10/10			D_NS 10x10, D_NS 14x10, DG 10/10				KOIP SW, SLF-P1 W		
Package Quantity										
	25 pcs.			25 pcs.				10 pcs.		

AVK RD Series Terminals

AVK 2,5 RD

Width: 5 mm

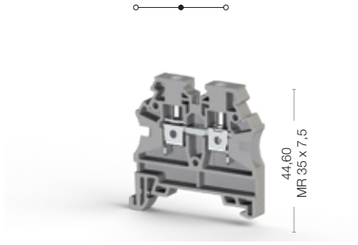


Cat No:

304 200RP
304 209RP

AVK 4 RD

Width: 6 mm

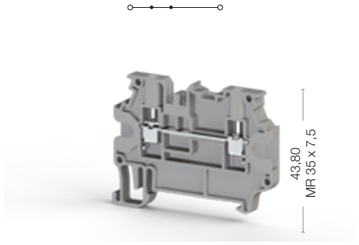


Cat No:

304 210RP
304 219RP

AVK 2,5 R

Width: 5 mm

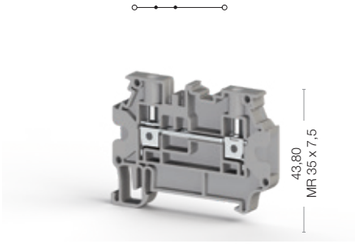


Cat No:

304 409
304 400

AVK 4 R

Width: 6 mm



Cat No:

304 390
304 399

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²	750	32	4 mm²	800	24	2,5 mm²	800	32	4 mm²
UL - CuLus	600	20	AWG 26-12	600	30	AWG 26-10						
VDE (IEC 60947-7-1)	750	24	2,5 mm²	750	32	4 mm²						
CSA												
ATEX	630	23		630	29							

Connection Data												
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-6 mm²			0,2-4 mm²			0,2-6 mm²		
Conductor cross section stranded (min-max.)	0,2-4 mm²			0,2-6 mm²			0,2-4 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²			0,5-1,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-10			AWG 24-12			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,4-0,6 Nm			0,5-0,8 Nm			0,4-0,6 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		

End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100	NPP/AVK 2,5-10	444 120	100	NPP/AVK 2,5 R	450 330	25	NPP/AVK 4 R	450 330	25
	APP/AVK 2,5-10	462 120	25	APP/AVK 2,5-10	462 120	25						

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25	UK 4/2	476 232	25	UK 2,5/2	476 222	25	UK 4/2	476 232	25
	UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 2,5/3	476 223	20	UK 4/3	476 233	20
	UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 2,5/4	476 224	15	UK 4/4	476 234	15
	UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 2,5/10	476 229	5	UK 4/10	476 239	5

Comb Connector	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25	TKO 4/2	476 272	25						
	TKO 2,5/3	476 263	20	TKO 4/3	476 273	20						
	TKO 2,5/4	476 264	15	TKO 4/4	476 274	15						
	TKO 2,5/10	476 269	5	TKO 4/10	476 279	5						

Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4			1/A3			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		

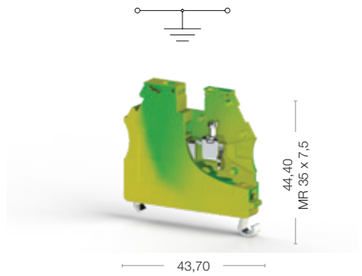
Package Quantity												
	100 pcs.			80 pcs.			50 pcs.			50 pcs.		

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

AVK RD Series
Earth Terminals

AVK 2,5 T RD

Width: 5,75 mm

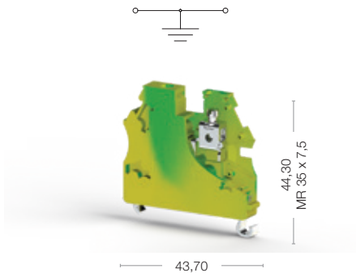


Cat No:

334 170

AVK 4 T RD

Width: 6,2 mm

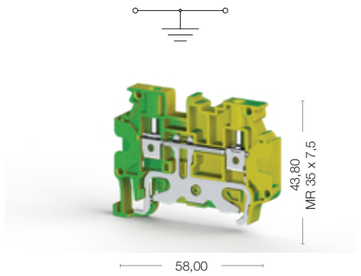


Cat No:

334 180

AVK 4 RT

Width: 6 mm

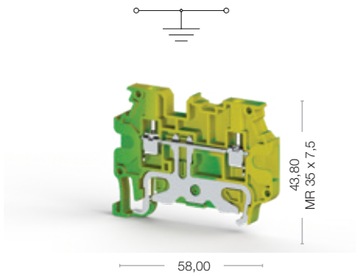


Cat No:

334 270

AVK 2,5 RT

Width: 5 mm



Cat No:

334 280

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)			2,5 mm²			4 mm²			4 mm²			2,5 mm²
UL - CuLus			AWG 26-12			AWG 26-10						
VDE (IEC 60947-7-1 / EN 60947-7-2)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-6 mm²			0,2-6 mm²			0,2-4 mm²		
Conductor cross section stranded (min-max.)	0,2-4 mm²			0,2-6 mm²			0,2-6 mm²			0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-10			AWG 24-10			AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,4-0,6 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,4-0,6 Nm		
Rail Tightening torque, (min-max.)												
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		

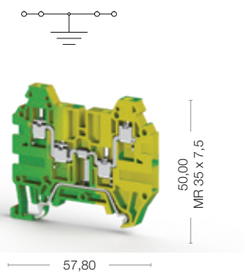
End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP /AVK 4 RT	450 332 T	25	NPP /AVK 2,5 RT	450 332 T	25

Technical Data						
Rated Impulse Voltage / Pollution severity	8		8			
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		1/A4		1/A4	1/A3
Protection class / Protection conductor type	IP 20 / PE		IP 20 / PE		IP 20 / PE	IP 20 / PE
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W
Package Quantity						
	50 pcs.		50 pcs.		50 pcs.	50 pcs.

AVK RD Series
Earth Terminals

AVK 2,5 CCT

Width: 5 mm

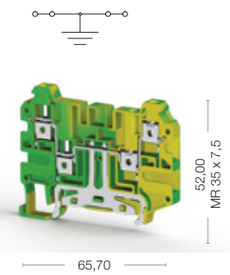


Cat No:

334 220

AVK 4 CCT

Width: 6 mm

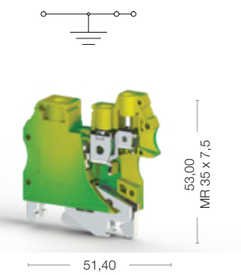


Cat No:

334 260

AVK 10 T RD 4

Width: 10 mm



Cat No:

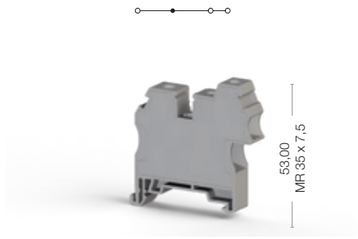
334 230

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5 mm²			4 mm²				10-4 mm²
UL - CuLus			AWG 26-12							
VDE (IEC 60947-7-2)										
CSA										
ATEX	630									
Connection Data										
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-6 mm²				0,5 mm² / 0,2 mm² - 16 mm² / 4 mm²		
Conductor cross section stranded (min-max.)	0,2-4 mm²			0,2-6 mm²				0,5 mm² / 0,2 mm² - 16 mm² / 4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²				0,5 / 0,5 mm² - 6 / 1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-10				AWG 20/24 - 6 /12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				10/7 - 12/8 mm		
Torque (min-max.)	0,4-0,6 Nm			0,5-0,8 Nm				1,2/0,5 - 1,8/0,8 Nm		
Rail Tightening torque, (min-max.)								0,8 -1,0 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5) / IKT 4 (0,8x4,0)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	NPP/AVK 2,5 CCT	444 132T	25	NPP/AVK 4 CCT	450 342T	25				
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4				1/B6-A4		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D-NS 6x10, DG 10/6, DG 10/6T, DB 10/6				D_NS 10x10, DG 10/10		
Package Quantity										
	25 pcs.			50 pcs.				60 pcs.		

AVK Series Terminals

AVK 10 RD 4

Width: 10 mm



Cat No:

304 289
304 280

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	57	10 mm²
UL - CuLus			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5/0,2 mm² - 16/4 mm²
Conductor cross section stranded (min.-max.)	0,5/0,2 mm² - 16/4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5/0,5 - 6/1,5 mm²
AWG Conductor	AWG 20/24 - 6/12
Insulation Stripping Length (min.-max.)	10/7 - 12/8 mm
Torque (min-max.)	1,2-0,5 / 1,8-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5) / IKT 4 (0,8x4)

End Plate - Disconnect Plate



Cross Connection



Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Comb Connector



Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

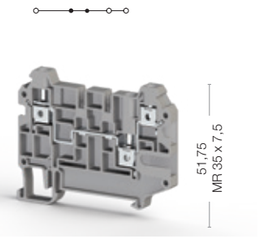
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6-A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity

60 pcs.

AVK 4 CE

Width: 6 mm



Cat No:

325 229
325 220

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm²
UL - CuLus			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 4 CE	450 349	25

Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15
	UK 4/10	476 239	5

Comb Connector	Type	Cat.No.	Qty.
	TKO 10/2	476 292	25
	TKO 10/3	476 293	20
	TKO 10/4	476 294	15
	TKO 10/10	476 299	5

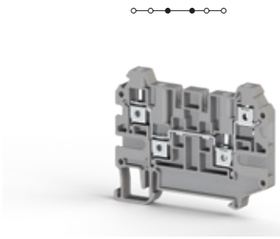
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity

50 pcs.

AVK 4 CC

Width: 6 mm



Cat No:

325 209
325 200

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm²
UL - CuLus			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 4 CC	450 349	25

Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15
	UK 4/10	476 239	5

Comb Connector	Type	Cat.No.	Qty.

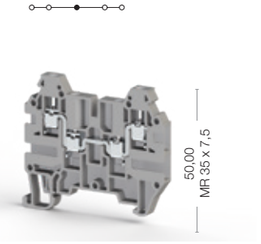
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity

50 pcs.

AVK 2,5 CC

Width: 5 mm



Cat No:

324 909
304 900

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²
UL - CuLus	600	20	AWG 26-12
VDE (IEC 60947-7-1)			
CSA			
ATEX	630	24	

Connection Data	
Conductor cross section solid (min-max.)	0,2-4 mm²
Conductor cross section stranded (min.-max.)	0,2-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5 CC	444 139	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Comb Connector	Type	Cat.No.	Qty.

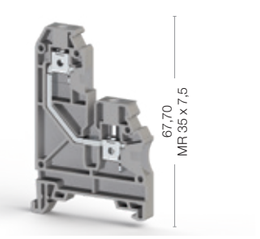
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, Dg 10/5, DG 10/5T

Package Quantity

100 pcs.

AVK 4 GD

Width: 6 mm



Cat No:

304 270
304 279

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm²
UL - CuLus			
VDE (IEC 60947-7-1)			
CSA			
ATEX	500	26	

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 4GD	444 140	25

Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15
	UK 4/10	476 239	5

Comb Connector	Type	Cat.No.	Qty.
	TKO 4/2	476 272	25
	TKO 4/3	476 273	20
	TKO 4/4	476 274	15
	TKO 4/10	476 279	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, D_NS 6x10, DB 5, DB 10/6, DG 6/5, DG 10/6, DG 10/6T

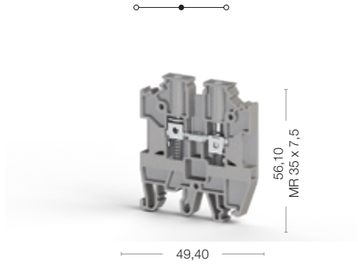
Package Quantity

100 pcs.

AVK Y Series Terminals

AVK Y 4

Width: 6 mm

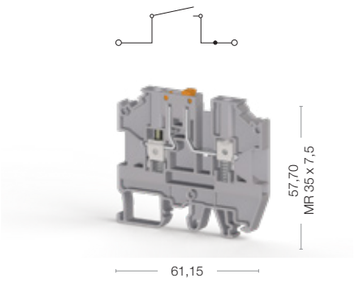


Cat No:

304 500
304 509

AVK Y 4 A

Width: 6 mm

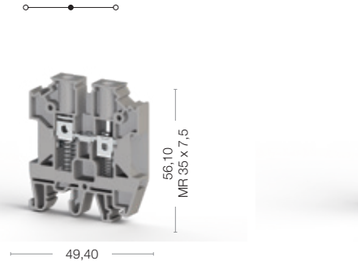


Cat No:

304 600
304 609

AVK Y 6

Width:8 mm

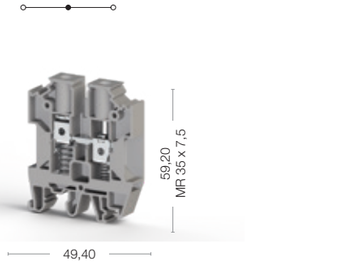


Cat No:

304 510
304 519

AVK Y 10

Width:10 mm



Cat No:

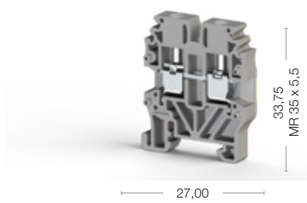
304 520
304 529

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	32	4 mm²	500	32	4 mm²	800	41	6 mm²	800	57	10 mm²
UL - CuLus												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²			0,2-10 mm²			0,5-16 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²			0,2-10 mm²			0,5-16 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²			0,5-4 mm²			0,5-6 mm²		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-8			AWG 20-16		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm			10-12 mm			10-12 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,8-1,2 Nm			1,2-1,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x0,4)			IKT 4 (0,8x0,4)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP AVK Y 4/6	450 300	50	NPP AVK Y 4A	450 390	20	NPP AVK Y 4/6	450 300	50	NPP/AVK Y 10	450 260	50
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 4/2	474 132	25	UK 4/2	474 132	25	UK 6/2	474 142	25	UK 10/2	474 152	25
	UK 4/3	474 133	20	UK 4/3	474 133	20	UK 6/3	474 143	20	UK 10/3	474 153	20
	UK 4/4	474 134	15	UK 4/4	474 134	15	UK 6/4	474 144	15	UK 10/4	474 154	15
	UK 4/10	474 139	5	UK 4/10	474 139	5	UK 6/10	474 149	5	UK 10/10	474 159	5
	Uk 4/20	474 180	5	Uk 4/20	474 180	5						
	UK 4/50	474 190	5	UK 4/50	474 190	5						
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B4			1/B4			1/B5			1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	DB 10/6, DG 10/6T, SLF-P1 W			D-NS 6x10, DG 10/6, DG 10/6T, DB 10/6, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 10x10, DG 10/10, SLF-P1 W		
Package Quantity												
	120 pcs.			30 pcs.			90 pcs.			70 pcs.		

MVK Type
Mini Terminals
for MR 15 Rails

MVK 2,5

Width: 5 mm

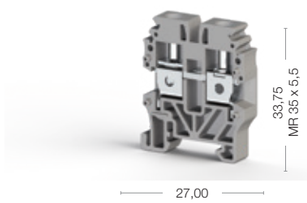


Cat No:

304 429
304 420

MVK 4

Width: 6 mm

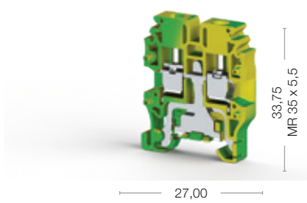


Cat No:

304 439
304 430

MVK 2,5 T

Width: 5 mm

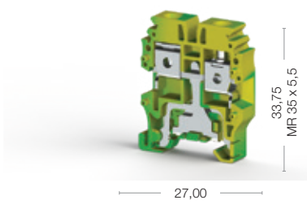


Cat No:

334 420

MVK 4 T

Width: 6 mm



Cat No:

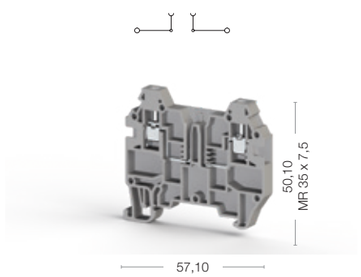
334 430

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	400	24	2,5 mm²	400	32	4 mm²				2,5 mm²			4 mm²
UL - CuLus	300	20	AWG 26-12	300	30	AWG 24-10				AWG 26-12			AWG 24-10
VDE (IEC 60947-7-1)													
CSA													
ATEX	400	23		400	31,5			400			400		
Connection Data													
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-6 mm²				0,2-4 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-6 mm²				0,2-4 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²				0,5-1,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-10				AWG 24-12			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm			9-10 mm		
Torque (min-max.)	0,4-0,6 Nm			0,5-0,8 Nm				0,4-0,6 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**			
	NPP/MVK 2,5-4	444 429	100	NPP/MVK 2,5-4	444 429	100		NPP/MVK 2,5T	444 422T	100	NPP/MVK 4T	444 422T	100
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**							
	UK 2,5/2	476 222	25	UK 4/2	476 232	25							
	UK 2,5/3	476 223	20	UK 4/3	476 233	20							
	UK 2,5/4	476 224	15	UK 4/4	476 234	15							
	UK 2,5/10	476 229	5	UK 4/10	476 239	5							
Technical Data													
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3			1/B4				1/B3			1/B4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	DB 5			DB 5				DB 5			DB 5		
Package Quantity													
	100 pcs.			100 pcs.				50 pcs.			50 pcs.		

Functional Terminals and Sockets

AVK 2,5 F

Width: 6 mm

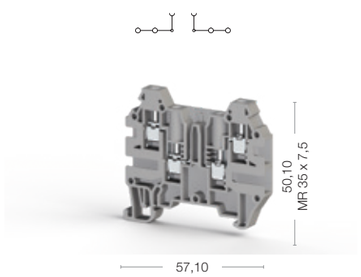


Cat No:

324 929
324 920

AVK 2,5 CF

Width: 6 mm

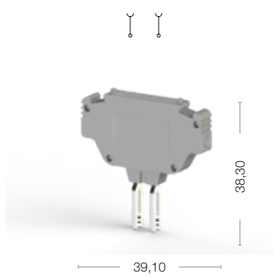


Cat No:

324 919
324 910

AVK SKT

Width: 5,80 mm

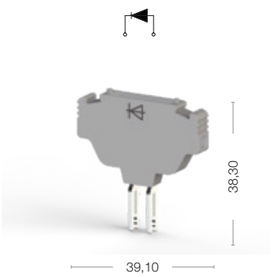


Cat No:

498 759
498 750

AVK SKTD

Width: 5,80 mm



Cat No:

498 859
498 850

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	16	2,5 mm²	400	16	4 mm²		400	16	2,5 mm²	400	0,5	2,5 mm²
UL - CuLus													
VDE (IEC 60947-7-1)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-4 mm²				0,2-0,4 mm²			0,2-0,4 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-4 mm²				0,2-0,4 mm²			0,2-0,4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-1,5 mm²				0,5-1,5 mm²			0,5-1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-12				AWG 24-12			AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				6-7 mm			6-7 mm		
Torque (min-max.)	0,4-0,6 Nm			0,4-0,6 Nm				0,4-0,6 Nm			0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP AVK 2,5 F	444 139	25	NPP AVK 2,5 CF	444 139	25							
Technical Data For Diode													
Diode Voltage												1000V	
Diode Current												1A	
Diod												1 N 4007	
Technical Data													
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T				D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5		
Package Quantity													
	80 pcs.			80 pcs.				50 pcs.			50 pcs.		

NOTE: AVK SKTD product is just used with AVK 2,5 F and AVK 2,5 CF terminals.

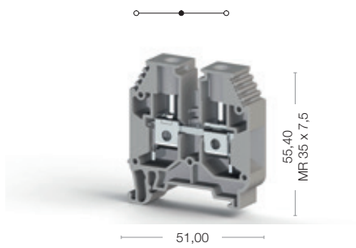
NOTE: AVK SKTD product is just used with AVK 2,5 F and AVK 2,5 CF terminals.

AVK PV Series Terminals

V0 material

AVK 16 PV

Width: 12 mm

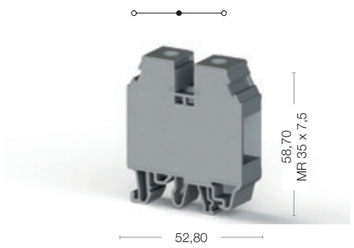


Cat No:

304 160 P
304 169 P
304 161 P

AVK 35 RD PV

Width: 16 mm

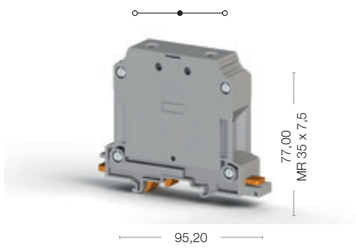


Cat No:

304 250 P
304 259 P
304 251 P

AVK 50 PV

Width: 20 mm

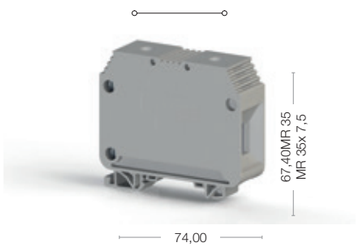


Cat No:

304 330 P
304 339 P
304 331 P

AVK 70 PV

Width: 22 mm

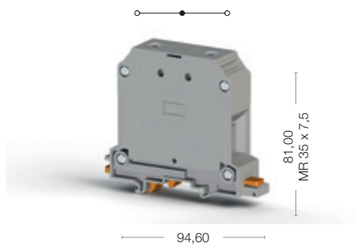


Cat No:

304 190 P
304 199 P
304 191 P

AVK 70 RD PV

Width: 22 mm



Cat No:

304 490 P
304 499 P
304 491 P

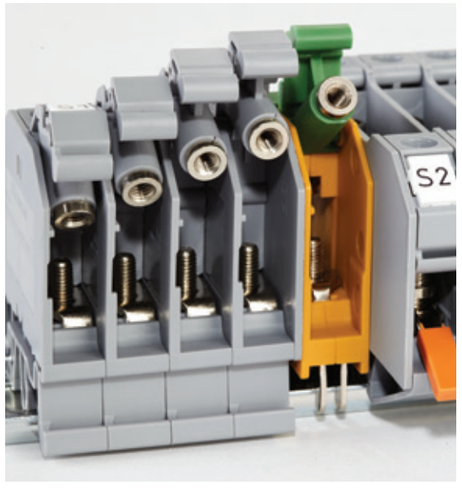
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	76	16 mm²	750	125	35 mm²	1000	150	50 mm²	750	192	70 mm²	1000	192	70 mm²
UL - CuLus	1000	85	AWG 12-4	1000	115	AWG 12-2	1000	150	AWG 6-1/0	1000	175	AWG 6-2/0	1000	175	AWG 6-2/0
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	2,5-25 mm²			1,5-50 mm²			16-70 mm²			16-70 mm²			16-70 mm²		
Conductor cross section stranded (min.-max.)	4-25 mm²			1,5-50 mm²			25-50 mm²			16-70 mm²			16-70 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	1,5-10 mm²			1,5-16 mm²			10-16 mm²			16-25 mm²			16-25 mm²		
AWG Conductor	AWG 14-4			AWG 16-2			AWG 10-1/0			AWG 6-2/0			AWG 6-2/0		
Insulation Stripping Length (min.-max.)	12-14 mm			16-18 mm			22-24 mm			22-24 mm			22-24 mm		
Torque (min-max.)	1,2-2,0 Nm			2,5-3,5 Nm			6-10 Nm			6-12 Nm			6-12 Nm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 6 (1,2x6,5)			S 5 (DIN 6911)			S 6 (DIN 6911)			S 6 (DIN 6911)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**									
	NPP / AVK 16	444 160	100	APP / AVK 35 RD	462 180	10									
	APP / AVK 16	462 160	25												
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**			
	UK 16/2	474 162	25	UK 35/2	474 172	25				UK 50/2	478 332	5	UK 70/2	478 372	5
	UK 16/3	474 163	22	UK 35/3	474 173	22				UK 50/3	478 333	5	UK 70/3	478 373	5
	UK 16/4	474 164	15	UK 35/4	474 174	15				UK 50/4	478 334	5	UK 70/4	478 374	5
	UK 16/10	474 169	5	UK 35/10	474 179	5									
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B7			1/B9			1/B10			1/A11			1/A11		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D-NS 12x10, DG 10/10			D-NS 12x10, DG 10/10			KOIP SM W			D-NS 12x10, DG 10/10			D-NS 12x10, DG 10/10		
Package Quantity															
	50 pcs.			40 pcs.			25 pcs.			25 pcs.			10 pcs.		

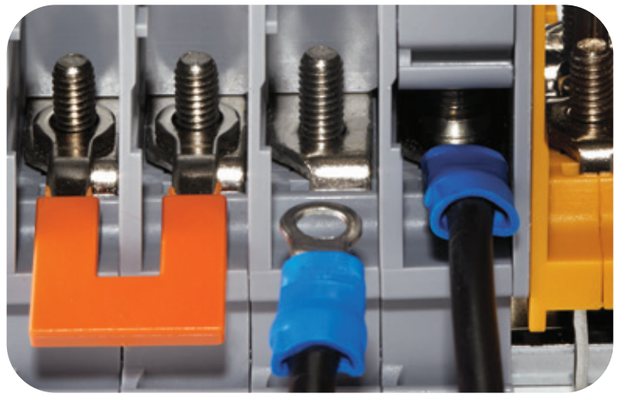
PB, CPB Series Terminals

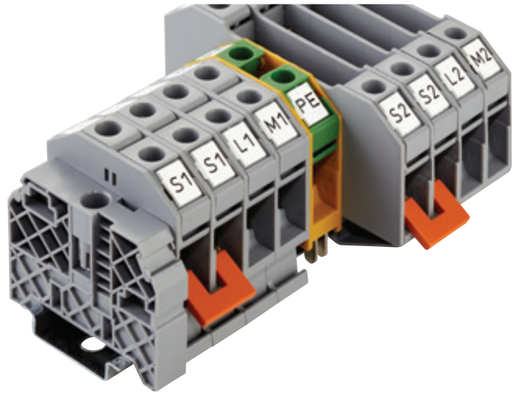
PB & CPB Series Ring and Fork Type Plug inTerminals are suitable for heavy industries and provide practical safe connection. For PB series, cable assembly is done with insulated ring type terminals. With this feature, they are preferred in iron and steel plants, mining industry and medium voltage modular units. PB & CPB Series provide cross section for 6 mm². Comb connector and End plate are available. Special Marking solutions can be provided by Plotter labeling.

V0 material

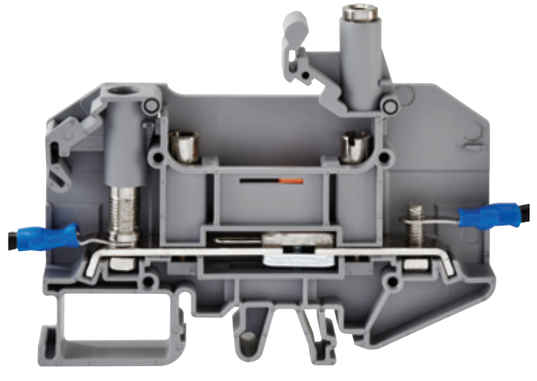
Cable assembly for CPB Series is done with insulated fork type terminals.
CPB Series provide cross section for 6 mm².
Special Marking solutions can be provided by Plotter labeling.

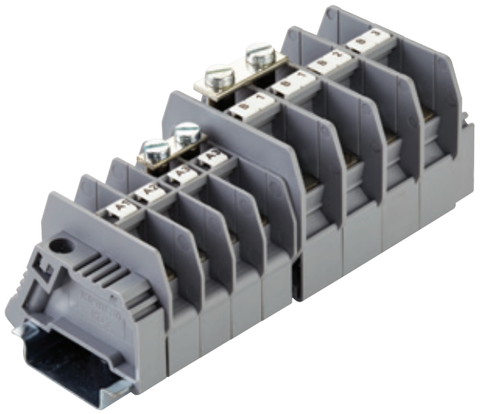










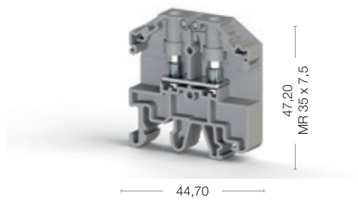


PB - CPB Series Feed Through and Earth Terminals

V0 material

PB 2,5/NM

Width: 9 mm

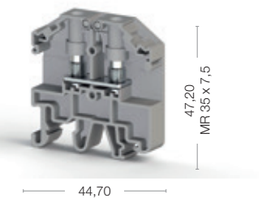


Cat No:

308 029

PB 2,5K/NM

Width: 9 mm

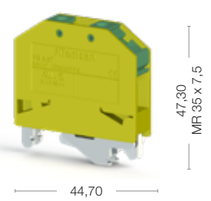


Cat No:

308 039

PB 2,5T/NM

Width: 10 mm

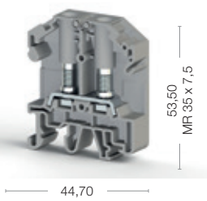


Cat No:

337 010

PB 6/NM

Width: 11 mm

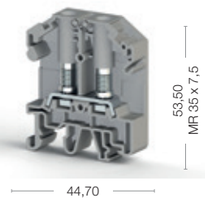


Cat No:

308 009

PB 6K/NM

Width: 11 mm



Cat No:

308 019

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm²	800	24	2,5 mm²					800	41	6 mm²	800	41	6 mm²
UL	600	20/15	AWG 26-14	600	20/15	AWG 26-14				AWG 26-14	600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)																
CSA	600	20/15	AWG 26-14	600	20/15	AWG 26-14				AWG 26-14	600	45	AWG 22-8	600	45	AWG 22-8
ATEX																
Connection Data																
Conductor cross section solid (min-max.)	0,1-2,5 mm²			0,1-2,5 mm²				0,1-2,5 mm²			0,5-6mm²			0,5-6mm²		
Conductor cross section stranded (min.-max.)	0,1-2,5 mm²			0,1-2,5 mm²				0,1-2,5 mm²			0,5-6 mm²			0,5-6 mm²		
AWG Conductor	AWG 26-14			AWG 26-14				AWG 26-14			AWG 22-8			AWG 22-8		
Torque (min-max.)	0,6-0,8 Nm			0,6-0,8 Nm				0,6-0,8 Nm			0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	3,2 mm			3,2 mm				3,2 mm			4,2 mm			4,2 mm		
Bolt Diameter	3,0 mm			3,0 mm				3,0 mm			4,0 mm			4,0 mm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
Rail Tightening torque, min-max.								0,4-0,6 Nm								
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**					**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PB 2,5/NM	451 029	25	NPP/PB 2,5/NM	451 029	25					NPP / PB 6/NM	451 019	25	NPP / PB 6/NM	451 019	25
	APP/PB 2,5-6/NM	464 009	25	APP/PB 2,5-6/NM	464 009	25					APP / PB 2,5-6/NM	464 009	25	APP / PB 2,5-6/NM	464 009	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**					**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO PB 2,5/2	479 012	25	TKO PB 2,5/2	479 012	25					TKO- PB 6/2	479 002	25	TKO- PB 6/2	479 002	25
	TKO PB 2,5/3	479 013	20	TKO PB 2,5/3	479 013	20					TKO- PB 6/3	479 003	20	TKO- PB 6/3	479 003	20
	TKO PB 2,5/4	479 014	15	TKO PB 2,5/4	479 014	15					TKO- PB 6/4	479 004	15	TKO- PB 6/4	479 004	15
	TKO PB 2,5/7	479 017	5	TKO PB 2,5/7	479 017	5					TKO- PB 6/7	479 007	5	TKO- PB 6/7	479 007	5
	TKO PB 2,5/10	479 019	5	TKO PB 2,5/10	479 019	5					TKO- PB 6/10	479 009	5	TKO- PB 6/10	479 009	5
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
				TF (Ø2,3)	493 023	5								TF (Ø4)	493 050	10
Technical Data																
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA				1/NA			1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			DN_S 8x10, DG 10/8			DN_S 8x10, DG 10/8		
Package Quantity																
	45 pcs.			45 pcs.				45 pcs.			40 pcs.			40 pcs.		

PB - CPB Series Feed Through and Earth Terminals

V0 material

PB 6 T/NM

Width: 12 mm



Cat No:

337 000

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)			6 mm²
UL			AWG 22-8
VDE (IEC 60947-7-1)			
CSA			AWG 22-8
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-6 mm²
Conductor cross section stranded (min.-max.)	0,5-6 mm²
AWG Conductor	AWG 22-8
Torque (min-max.)	0,8-1,2 Nm
Hole Diameter	4 mm
Bolt Diameter	4,0 mm
Screwdriver	IKT 5 (1,0x5,5)
Rail Tightening torque, min-max.	0,6-08 Nm

End Plate - Disconnect Plate



Comb Connection



Cross Connector

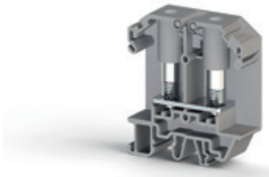


Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8

Package Quantity
40 pcs.

PB 25/NM (M5)

Width: 18 mm



Cat No:

308 049

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	101	25 mm²
UL	600	115/85	AWG 26-4
VDE (IEC 60947-7-1)			
CSA	600	115/85	AWG 26-4
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	1,5-25 mm²
Conductor cross section stranded (min.-max.)	1,5-25 mm²
AWG Conductor	AWG 26-4
Torque (min-max.)	3-3,5 Nm
Hole Diameter	5,2 mm
Bolt Diameter	5,0 mm
Screwdriver	IKT 5 (1,0x5,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP PB 25/NM	451 039	25
	APP PB 25/NM	464 019	25

Comb Connection	Type	Cat.No.	Qty.

Cross Connector	Type	Cat.No.	Qty.
	TKO PB 25/2	479 022	25

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity
10 pcs.

PB 25/NM (M6)

Width: 18 mm



Cat No:

308 059

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	101	25 mm²
UL	600	115/85	AWG 26-4
VDE (IEC 60947-7-1)			
CSA	600	115/85	AWG 26-4
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	1,5-25 mm²
Conductor cross section stranded (min.-max.)	1,5-25 mm²
AWG Conductor	AWG 16-4
Torque (min-max.)	3,2-3,7 Nm
Hole Diameter	6,2 mm
Bolt Diameter	6,0 mm
Screwdriver	IKT 5 (1,0x5,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP PB 25/NM	451 039	25
	APP PB 25/NM	464 019	25

Comb Connection	Type	Cat.No.	Qty.

Cross Connector	Type	Cat.No.	Qty.
	TKO PB 25/2	479 022	25

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity
10 pcs.

CPB 6

Width: 9,50 mm



Cat No:

326 809
326 800

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	41	6 mm²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-6 mm²
Conductor cross section stranded (min.-max.)	0,5-6 mm²
AWG Conductor	AWG 20-10
Torque (min-max.)	0,8-1,2 Nm
Hole Diameter	
Bolt Diameter	3,5 mm
Screwdriver	IKT 4 (0,8x4,0)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP CPB 6	450 289	50

Comb Connection	Type	Cat.No.	Qty.
	UK 9,5/2	480 192	25
	UK 9,5/3	480 193	20
	UK 9,5/4	480 194	15
	UK 9,5/7	480 197	10
	UK 9,5/10	480 199	5

Cross Connector	Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
50 pcs.

CPB 6 B

Width: 13 mm



Cat No:

326 819
326 810

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	57	10 mm²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-10 mm²
Conductor cross section stranded (min.-max.)	0,5-10 mm²
AWG Conductor	AWG 20-8
Torque (min-max.)	1,2-1,8 Nm
Hole Diameter	
Bolt Diameter	4 mm
Screwdriver	IKT 4 (0,8x4,0)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/CPB 6	450 299	50

Comb Connection	Type	Cat.No.	Qty.
	UK 13/2	480 202	25
	UK 13/3	480 203	20
	UK 13/4	480 204	15
	UK 13/7	480 207	10
	UK 13/10	480 209	5

Cross Connector	Type	Cat.No.	Qty.

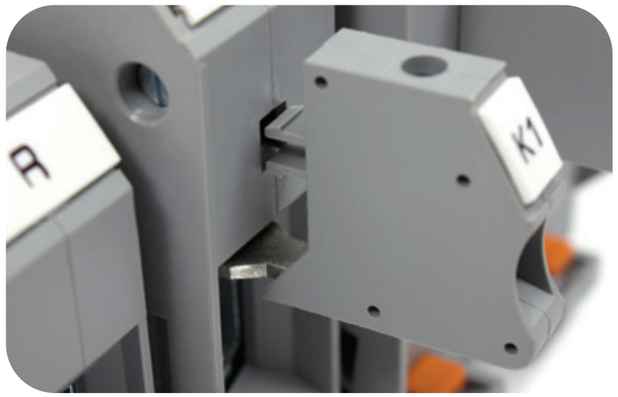
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
25 pcs.

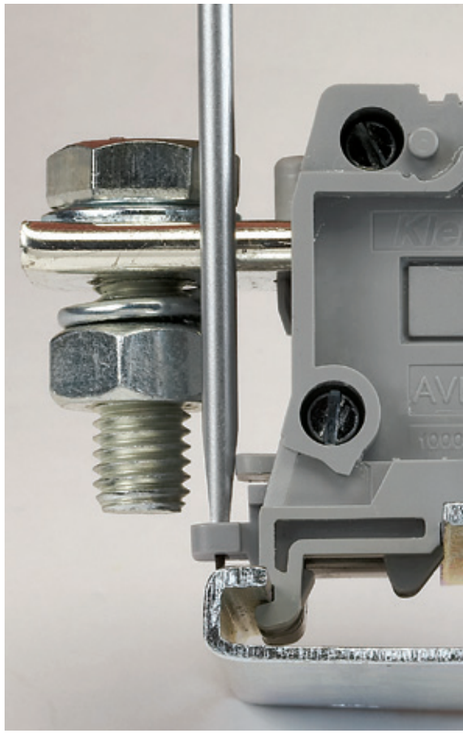
High Current / PB Series / Bolt Connection Terminals

AVK Series Screw Connection High Current Terminals provide 50 ….. 240 mm² cross-section range. Cross Connection can be used for terminals with all cross-sections. These terminal blocks are fixed to each other via pins on sides, providing a rigid performance on DIN Rail and easy montage advantages in constricted environments where connection with Insulated Terminals are difficult. EK-6 terminals are used for taking additional cable (for signals etc.) from high current (big cross sectioned) terminal blocks. Marking solutions can be provided by Plotter Labeling.

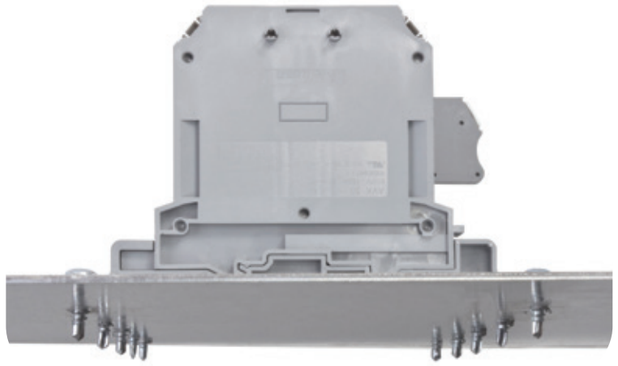




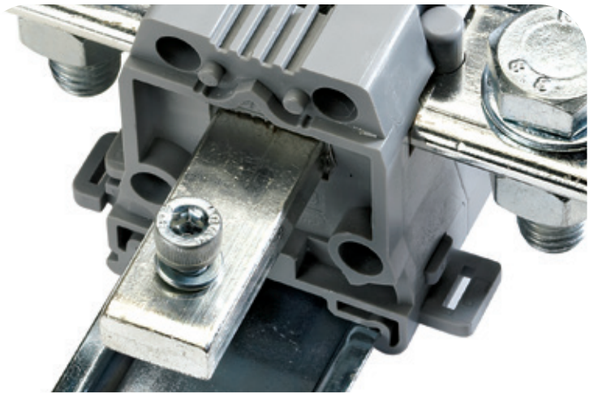


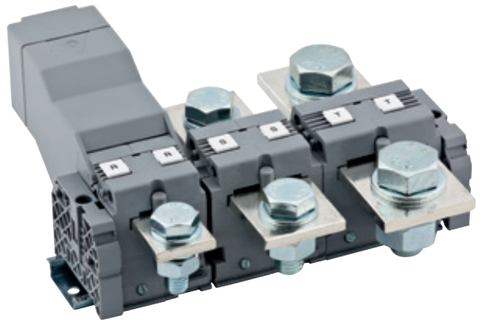






For the panels where connection on din rails are not possible, AVK PB Series Screw Connection High Current Terminal is a good alternative where it can be mounted directly into the base of the cabinet with screws. These terminals have all the same features as High Current Terminals mounted on DIN-Rail. Special Marking solutions for each cross section can be provided by Plotter Labeling.



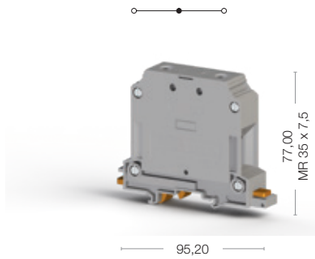


AVK Busbar Type High Current Terminals provides 95 ….. 240 mm² cross-section range, when cable connection is done by insulated terminals connected to the Types of the conductor. Isolation cover is designed for insulated terminals having different dimensions. Cross Connection can be used for terminals with all cross-sections. A fixing screw is available in order to maintain a more secure mounting on the DIN rail. Marking solutions can be provided by Plotter Labeling.

High Current Terminals

AVK 50

Width: 20 mm



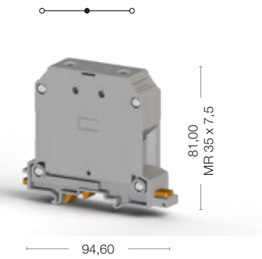
Cat No:

304 330
304 339

Hexagon Socket Screw

AVK 70 RD

Width: 22 mm



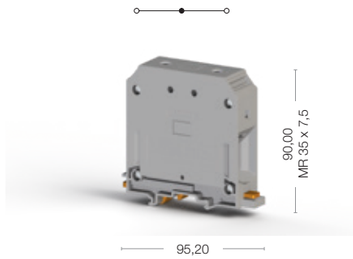
Cat No:

304 490
304 499

Hexagon Socket Screw

AVK 95

Width: 25 mm



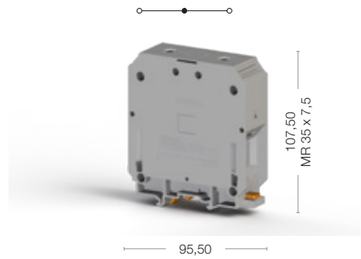
Cat No:

304 340
304 349

Hexagon Socket Screw

AVK 150

Width: 31 mm



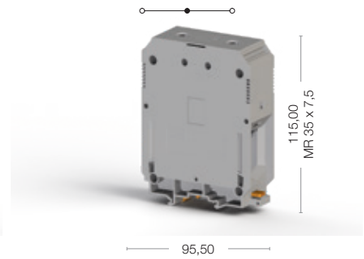
Cat No:

304 350
304 359

Hexagon Socket Screw

AVK 240

Width: 36 mm



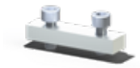
Cat No:

304 360
304 369

Hexagon Socket Screw

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	150	50 mm²	1000	192	70 mm²	1000	232	95 mm²	1000	309	150 mm²	1000	415	240 mm²
UL	600	150	AWG 6-1/0	600	175	AWG 6-2/0	600	230	AWG 2-4/0	600	270	2-300 kcmil	600	370	2/0-500 kcmil
VDE (IEC 60947-7-1)															
CSA															
ATEX	800	150					1000	217		1000	281		1000	380	
Connection Data															
Conductor cross section solid (min-max.)	16-70 mm²			16-70 mm²			25-95 mm²			35-150 mm²			50-240 mm²		
Conductor cross section stranded (min.-max.)	25-50 mm²			16-70 mm²			35-95 mm²			50-150 mm²			70-240 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	10-16 mm²			16-25 mm²			16-35 mm²			25-50 mm²			35-50 mm²		
AWG Conductor	AWG 10-1/0			AWG 6-2/0			AWG 4-3/0			AWG 2-300 kcmil			AWG 2/0-500 kcmil		
Insulation Stripping Length (min.-max.)	22-24 mm			22-24 mm			26-28 mm			29-31 mm			33-35 mm		
Torque (min-max.)	6-10 Nm			6-12 Nm			10-15 Nm			10-18 Nm			10-20 Nm		
Screwdriver	S5 (DIN 6911)			S6 (DIN 6911)			S6 (DIN 6911)			S8 (DIN 6911)			S8 (DIN 6911)		

Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 50/2	478 332	5	UK 70/2	478 372	5	UK 95/2	478 342	5	UK 150/2	478 352	5	UK 240/2	478 362	5
UK 50/3	478 333	5	UK 70/3	478 373	5	UK 95/3	478 343	5	UK 150/3	478 353	5	UK 240/3	478 363	5
UK 50/4	478 334	5	UK 70/4	478 374	5	UK 95/4	478 344	5	UK 150/4	478 354	5	UK 240/4	478 364	5

AVK / EK6



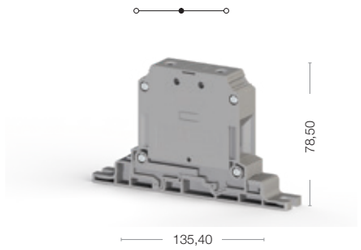
Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20

Technical Data												
Rated Impulse Voltage / Pollution severity	8/3		8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B10		1/A11			1/B12			1/B14			1/A16		
Protection class / Protection conductor type	IP 10 / -		IP 10 / -			IP 10 / -			IP 10 / -			IP 10 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	KOIP SW, SLF-P1 W		KOIP SW, SLF-P1 W			KOIP SW, SLF-P1 W			KOIP SW, SLF-P1 W			KOIP SW, SLF-P1 W		
Package Quantity												
	25 pcs.		10 pcs.			6 pcs.			4 pcs.			4 pcs.		

PB Series Terminals
Panel Mount Terminals

AVK PB 50

Width: 20 mm



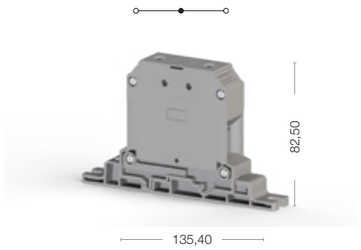
Cat No:

304 440
304 449

Hexagon Socket Screw

AVK PB 70 RD

Width: 22 mm



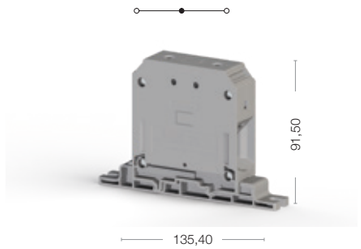
Cat No:

304 450
304 459

Hexagon Socket Screw

AVK PB 95

Width: 25 mm



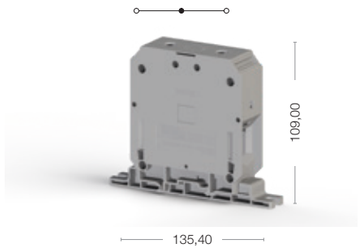
Cat No:

304 460
304 469

Hexagon Socket Screw

AVK PB 150

Width: 31 mm



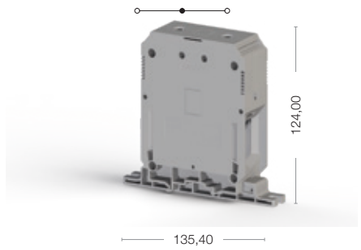
Cat No:

304 470
304 479

Hexagon Socket Screw

AVK PB 240

Width: 36 mm



Cat No:

304 480
304 489

Hexagon Socket Screw

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	150	50 mm²	1000	192	70 mm²	1000	232	95 mm²	1000	309	150 mm²	1000	415	240 mm²
UL															
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	16-70 mm²			16-70 mm²			25-95 mm²			35-150 mm²			50-240 mm²		
Conductor cross section stranded (min.-max.)	25-50 mm²			16-70 mm²			35-95 mm²			50-150 mm²			70-240 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	10-16 mm²			16-25 mm²			16-35 mm²			25-50 mm²			35-50 mm²		
AWG Conductor	AWG 10-1/0			AWG 6-2/0			AWG 4-3/0			AWG 2/300 kcmil			AWG 2/0 500 kcmil		
Insulation Stripping Length (min.-max.)	22-24 mm			22-24 mm			26-28 mm			29-31 mm			33-35 mm		
Torque (min-max.)	6-10 Nm			6-12 Nm			10-15 Nm			10-18 Nm			10-20 Nm		
Screwdriver	S5 (DIN 6911)			S6 (DIN 6911)			S6 (DIN 6911)			S8 (DIN 6911)			S8 (DIN 6911)		

Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 50/2	478 332	5	UK 70/2	478 372	5	UK 95/2	478 342	5	UK 150/2	478 352	5	UK 240/2	478 362	5
UK 50/3	478 333	5	UK 70/3	478 373	5	UK 95/3	478 343	5	UK 150/3	478 353	5	UK 240/3	478 363	5
UK 50/4	478 334	5	UK 70/4	478 374	5	UK 95/4	478 344	5	UK 150/4	478 354	5	UK 240/4	478 364	5

AVK / EK6



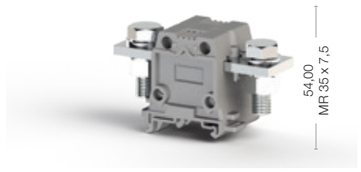
Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20	AVK / EK6	304 370	20

Technical Data						
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B10	1/A11	1/B12	1/B14	1/A16
Protection class / Protection conductor type	IP 10 / -	IP 10 / -	IP 10 / -	IP 10 / -	IP 10 / -
Marking Tags (Dekafix)					
See pages 326-333 for a list of Dekafix	KOIP SW, SLF-P1 W	KOIP SW, SLF-P1 W	KOIP SW, SLF-P1 W	KOIP SW, SLF-P1 W	KOIP SW, SLF-P1 W
Package Quantity					
	6 pcs.	6 pcs.	6 pcs.	4 pcs.	6 pcs.

Bolt Connection Terminals

AVK 95 B

Width: 40 mm



Cat No:

304 300
304 309

AVK 150 B

Width: 48 mm



Cat No:

304 310
304 319

AVK 240 B

Width: 53 mm

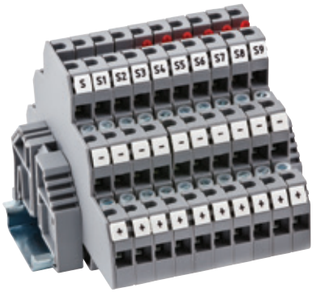


Cat No:

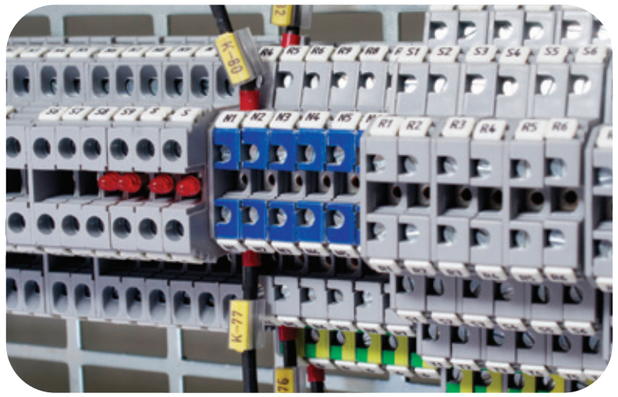
304 320
304 329

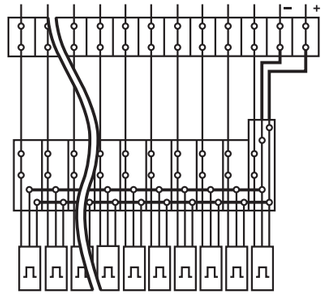
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	232	95 mm²	1000	309	150 mm²		1000	415	240 mm²
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min-max.)	25-95 mm²			35-150 mm²				70-240 mm²		
Conductor cross section stranded (min.-max.)	35-95 mm²			50-150 mm²				70-240 mm²		
AWG Conductor	AWG 4-3/0			AWG 2/300 kcmil				AWG 2/0 - 500 kcmil		
Insulation Stripping Length	29 mm			34 mm				34 mm		
Torque (min-max.)	25-30 Nm			25-30 Nm				30-35 Nm		
Hole Diameter	10,5 mm			13 mm				17 mm		
Bolt Diameter	10 mm			12 mm				16 mm		
Screwdriver	17 (DIN 3110)			19 (DIN 3110)				24 (DIN 3110)		
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	UKB 95/2	478 302	5	UKB 150/2	478 312	5		UKB 240/2	478 322	5
	UKB 95/3	478 303	5	UKB 150/3	478 313	5		UKB 240/3	478 323	5
	UKB 95/4	478 304	5	UKB 150/4	478 314	5		UKB 240/4	478 324	5
Isolation Cover	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	KKB 95	466 100	4	KKB 150	466 110	4		KKB 240	466 120	4
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA				1/NA		
Protection class / Protection conductor type	IP 10 / -			IP 10 / -				IP 10 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10			D_NS 10x10, DG 10/10				D_NS 10x10, DG 10/10		
Package Quantity										
	4 pcs.			4 pcs.				4 pcs.		

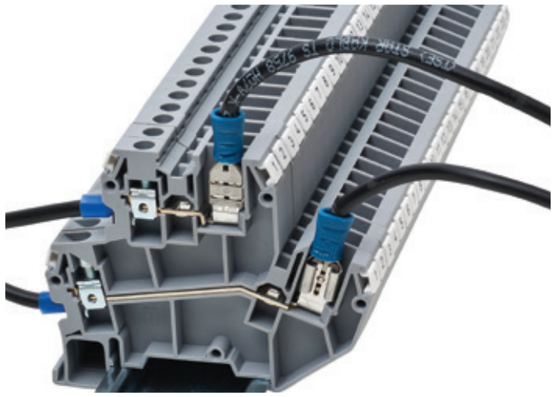
Screw Type Multilevel / Sensor Terminals

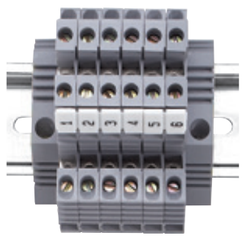


PUK Series Screw Connection Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions for each cross section can be provided by Plotter Labeling.







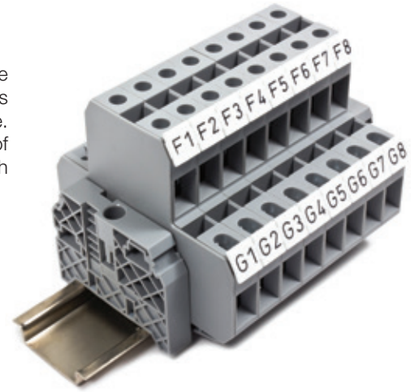


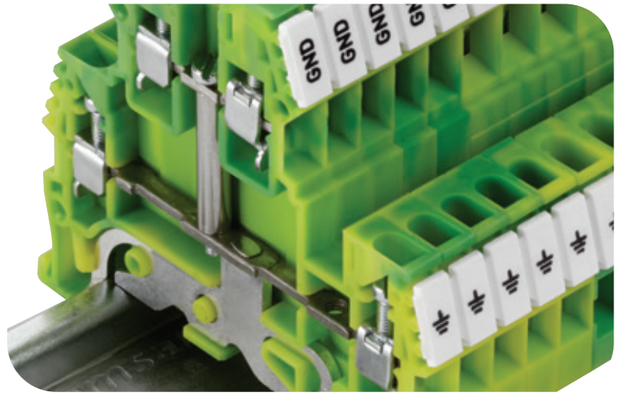


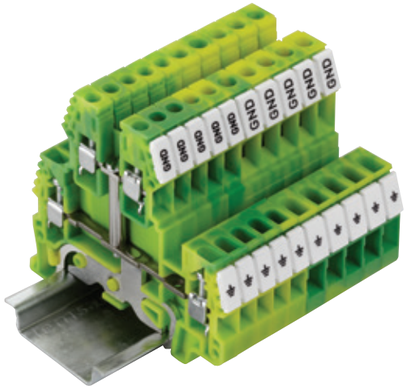
50% space saving

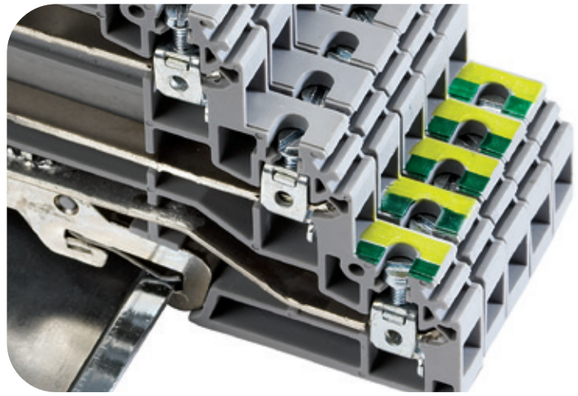
PIK Series Screw Connection Double-Deck Rail Terminals provide 2,5 - 4 - 10 mm² cross-section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both layers. Special Marking solutions for each cross section can be provided by Plotter Labeling. The color of products can be selected from the color table.

Fine strand wire up to16 mm² cross-section can be used in panels with limited space. PIK series terminals allow you to make more connections in less space. Usage with Cross Connections gains features of distribution block. Special Marking solutions for each cross section can be provided by Plotter Labeling.

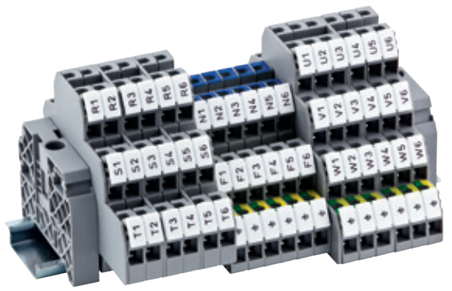








Double Deck Earth Terminals can be used in panels with limited space. Multipole connection on a single block and cross connection on both levels provide practical Earth connection. Special Marking solutions for each cross section can be provided by Plotter Labeling.

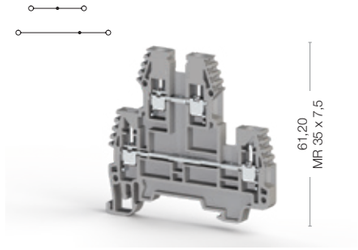


PUK Series Screw Connection Multilevel terminals provides solutions for different users' needs. They are ideal for limited spaces with their compact designs. In panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. PUK Series are ideal for usage in industries where motors are working a lot, with practical wiring. Cross connection can be used on each level.
Special Marking solutions for each cross section can be provided by Plotter Labeling.

Screw Type Double - Deck Terminals

PIK 2,5 N

Width: 5 mm



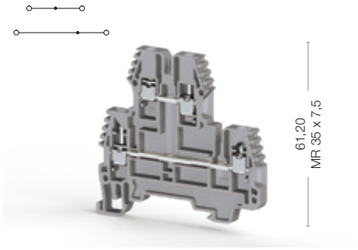
Cat No:

317 109 317 100
317 100

PIK 2,5 RD

push-in cross connection

Width: 5 mm

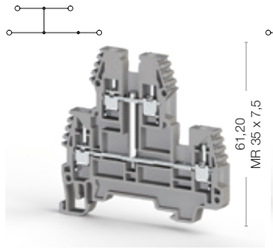


Cat No:

325 249 325 241
325 240

PIK 2,5 NK

Width: 5 mm



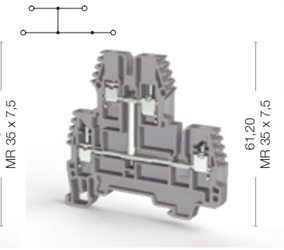
Cat No:

317 129 317 121
317 120

PIK 2,5 RDK

push-in cross connection

Width: 5 mm



Cat No:

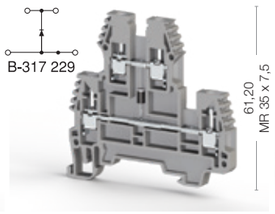
325 259
325 250

PIK 2,5 ND

Width: 5 mm

A-317 219

B-317 229



Cat No:

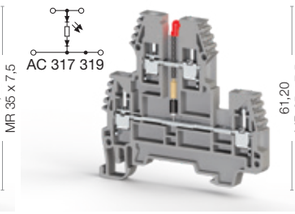
317 219
317 210

PIK 2,5 NLD

Width: 5 mm

DC 317 329

AC 317 319



Cat No:

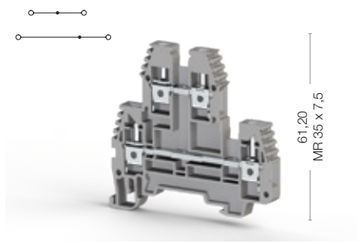
317 319
317 310

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	500	0,5	2,5 mm²		24	2,5 mm²
UL	300	20	AWG 26-12				300	20	AWG 26-12				300	20	AWG 26-12		20	AWG 26-12
VDE (IEC 60947-7-1)																		
CSA																		
ATEX	400	21,5					400	21,5					400	21,5			21,5	
Connection Data																		
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²	
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²	
AWG Conductor	AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12	
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm	
Torque (min-max.)	0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm	
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)	
Ordering Data													Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
													PIK 2,5 ND A	317 219	20	PIK 2,5 NLD (24AC)	317 319	20
													PIK 2,5 ND B	317 229	20	PIK 2,5 NLD (24DC)	317 329	20
																PIK 2,5 NLD (48AC)	317 419	20
																PIK 2,5 NLD (48DC)	317 429	20
																PIK 2,5 NLD (110AC)	317 619	20
																PIK 2,5 NLD (110DC)	317 629	20
																PIK 2,5 NLD (220AC)	317 719	20
																PIK 2,5 NLD (220DC)	317 729	20
Technical Data For Diode																		
Diode Voltage													1000 V					
Diode Current													1 A					
Diod													1 N 4007					
End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/PIK 2,5-4 N	449 019	25	NPP/PIK 2,5-4 N	449 019	25				NPP/PIK 2,5-4 N	449 019	25	NPP/PIK 2,5-4 N	449 019	25	NPP/PIK 2,5-4 N	449 019	25	NPP/PIK 2,5-4 N	449 019	25
Small Partition	Type	Cat.No.	Qty.							Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	AD 1	467 919	100							AD 1	467 919	100				AD 1	467 919	100	AD 1	467 919	100
Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25	UK 2,5/2	476 222	25				UK 2,5/2	474 122	25	UK 2,5/2	476 222	25	UK 2,5/2	474 122	25	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20	UK 2,5/3	476 223	20				UK 2,5/3	474 123	20	UK 2,5/3	476 223	20	UK 2,5/3	474 123	20	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15	UK 2,5/4	476 224	15				UK 2,5/4	474 124	15	UK 2,5/4	476 224	15	UK 2,5/4	474 124	15	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5	UK 2,5/10	476 229	5				UK 2,5/10	474 129	5	UK 2,5/10	476 229	5	UK 2,5/10	474 129	5	UK 2,5/10	474 129	5
										Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
Technical Data																		
Rated Impulse Voltage / Pollution severity	6/3			6/3						6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3						1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -						IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T						D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity																		
	100 pcs.			100 pcs.						20 pcs.			100 pcs.			20 pcs.			20 pcs.		

Screw Type Double - Deck Terminals

PIK 4 N

Width: 6 mm



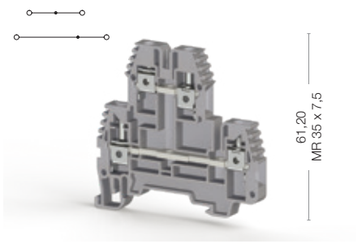
Cat No:

319 109 319 101
319 100

PIK 4 RD

push-in cross connection

Width: 6 mm

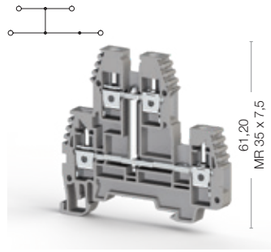


Cat No:

325 349 324 341
325 340

PIK 4 NK

Width: 6 mm



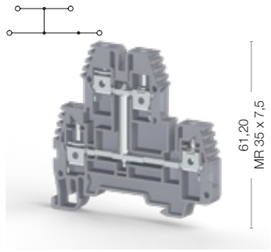
Cat No:

319 129 319 121
319 120

PIK 4 RDK

push-in cross connection

Width: 6 mm

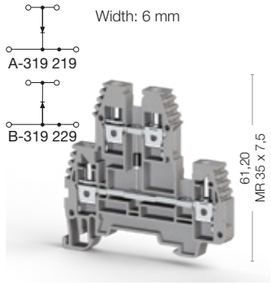


Cat No:

325 359
325 350

PIK 4 ND

Width: 6 mm

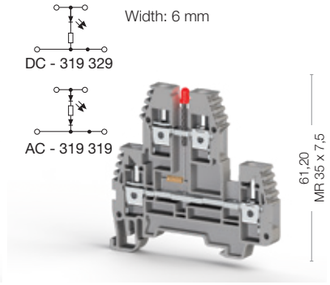


Cat No:

319 219
319 210

PIK 4 NLD

Width: 6 mm



Cat No:

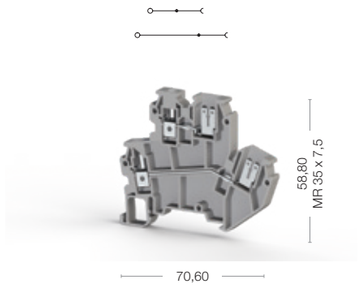
319 319
319 310

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm²	500	32	4 mm²	500	32	4 mm²	500	32	4 mm²	500	0,5	4 mm²		24	4 mm²
UL	300	30	AWG 26-10				300	30	AWG 26-10				300	30	AWG 26-10		30	AWG 26-10
VDE (IEC 60947-7-1)																		
CSA																		
ATEX	400	29,5					400	29,5					400	29,5			29,5	
Connection Data																		
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data													**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
													PIK 4 ND A	319 219	20	PIK 4 NLD (24AC)	319 319	20
													PIK 4 ND B	319 229	20	PIK 4 NLD (24DC)	319 329	20
																PIK 4 NLD (48AC)	319 419	20
																PIK 4 NLD (48DC)	319 429	20
																PIK 4 NLD (110AC)	319 619	20
																PIK 4 NLD (110DC)	319 629	20
																PIK 4 NLD (220AC)	319 719	20
																PIK 4 NLD (220DC)	319 729	20
Technical Data For Diode																		
Diode Voltage													1000 V					
Diode Current													1 A					
Diod													1 N 4007					
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP PIK 2,5-4 N	449 019	25	NPP PIK 4 N	449 019	25				NPP PIK 2,5-4 N	449 019	25	NPP PIK 2,5-4 N	449 019	25	NPP PIK 2,5-4 N	449 019	25
Small Partition	**Type**	**Cat.No.**	**Qty.**							**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	AD 1	467 919	100							AD 1	467 919	100	AD 1	467 919	100	AD 1	467 919	100
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 4/2	474 132	25	UK 4/2	476 232	25				UK 4/2	474 132	25	UK 4/2	476 232	25	UK 4/2	474 132	25
	UK 4/3	474 133	20	UK 4/3	476 233	20				UK 4/3	474 133	20	UK 4/3	476 233	20	UK 4/3	474 133	20
	UK 4/4	474 134	15	UK 4/4	476 234	15				UK 4/4	474 134	15	UK 4/4	476 234	15	UK 4/4	474 134	15
	UK 4/10	474 139	5	UK 4/10	476 239	5				UK 4/10	474 139	5	UK 4/10	476 239	5	UK 4/10	474 139	5
	UK 4/20	474 180	5							UK 4/20	474 180	5				UK 4/20	474 180	5
										Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
Technical Data																		
Rated Impulse Voltage / Pollution severity	6/3			6/3						6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4						1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -						IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T						D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity																		
	100 pcs.			100 pcs.						20 pcs.			100 pcs.			20 pcs.		

Screw Type Double - Deck Terminals

PIK 4 FS

Width: 6 mm

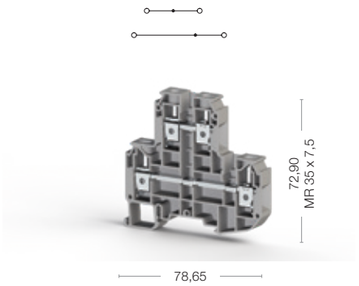


Cat No:

319 809
319 800

PIK 10 N

Width: 10 mm



Cat No:

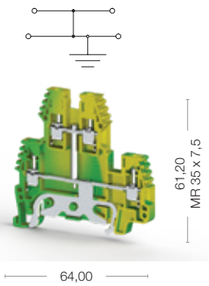
319 909
319 900

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	20	4 mm²	800	57	10 mm²
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX	400	17				
Connection Data						
Conductor cross section solid (min-max.)	0,2-4 mm²			1,5-16 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			1,5-16 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			6 mm²		
AWG Conductor	AWG 24-10			AWG 16-6		
Insulation Stripping Length (min.-max.)	9-10 mm			10-12 mm		
Torque (min-max.)	0,5-0,8 Nm			1,2-1,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x4,0)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PIK 4 FS	449 029	20	NPP/PIK 10 N	449 039	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 4/2	476 232	25	UK 10/2	474 152	25
	UK 4/3	476 233	20	UK 10/3	474 153	20
	UK 4/4	476 234	15	UK 10/4	474 154	15
	UK 4/10	476 239	5	UK 10/10	474 159	5
Technical Data						
Rated Impulse Voltage / Pollution severity	4/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	DB 5			DB 5		
Package Quantity						
	85 pcs.			20 pcs.		

Double Deck Earth Terminals

PIK 2,5 NT

Width: 5 mm

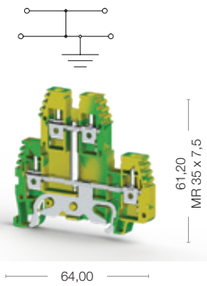


Cat No:

336 560

PIK 4 NT

Width: 6 mm



Cat No:

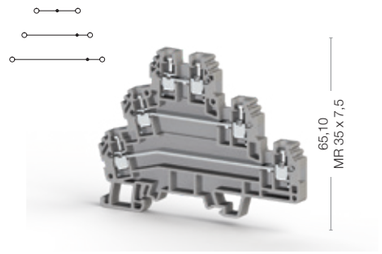
336 570

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5 mm²			4 mm²
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm		
Torque	0,4-0,6 Nm			0,5-08 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PIK 2,5 - 4 NT	449 012T	25	NPP/PIK 2,5 - 4 NT	449 012T	25
Technical Data						
Rated Impulse Voltage / Pollution severity	8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity						
	100 pcs.			100 pcs.		

Screw Type Multilevel Terminals

PUK 3

Width: 6 mm

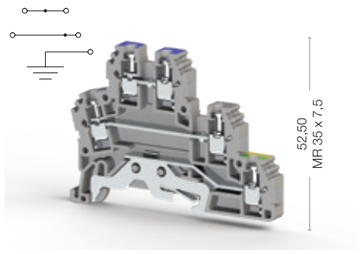


Cat No:

324 109
324 100

PUK 2 T

Width: 6 mm

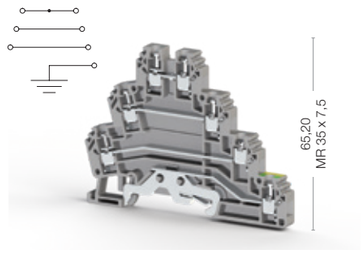


Cat No:

324 209
324 200

PUK 3 T

Width: 6 mm



Cat No:

324 309
324 300

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	440	24	2,5 mm²	440	24	2,5 mm²		440	24	2,5 mm²
UL	300	24	AWG 24-12	300	24	AWG 24-12		300	24	AWG 24-12
VDE (IEC 60947-7-1)										
CSA										
ATEX	400	24		400	24			400	24	

Connection Data					
Conductor cross section solid (min-max.)	0,2-4 mm²		0,2-4 mm²		0,2-4 mm²
Conductor cross section stranded (min.-max.)	0,2-4 mm²		0,2-4 mm²		0,2-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²		0,5-1,5 mm²		0,5-1,5 mm²
AWG Conductor	AWG 24-12		AWG 24-12		AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm		7-8 mm		7-8 mm
Torque (min-max.)	0,4-0,6 Nm		0,4-0,6 Nm		0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)		IKT 3 (0,6x3,5)		IKT 3 (0,6x3,5)

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/PUK 3	450 139	10	NPP/PUK 2 T	450 149	10		NPP/PUK 3 T	450 159	10

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	480 132	25	UK 2,5/2	480 132	25		UK 2,5/2	480 132	25
	UK 2,5/3	480 133	20	UK 2,5/3	480 133	20		UK 2,5/3	480 133	20
	UK 2,5/4	480 134	15	UK 2,5/4	480 134	15		UK 2,5/4	480 134	15
	UK 2,5/10	480 139	5	UK 2,5/10	480 139	5		UK 2,5/10	480 139	5
	UK 2,5/35	480 140	5	UK 2,5/35	480 140	5		Note: Only upper decks can be cross-connected		

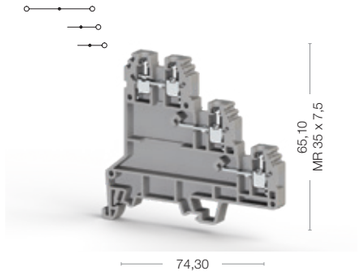
Technical Data				
Rated Impulse Voltage / Pollution severity	6/3	6/3		6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / PE		IP 20 / PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	DB 5	DB 5		DB 5

Package Quantity				
	20 pcs.	20 pcs.		20 pcs.

Screw Type Sensor Terminals

PUK 3 S

Width: 6 mm

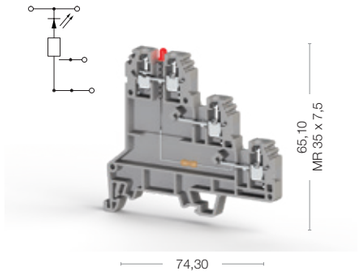


Cat No:

324 409
324 400

PUK 3 SLD (NPN)

Width: 6 mm

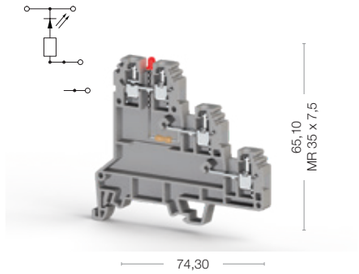


Cat No:

324 419
324 410

PUK 3 SLD (PNP)

Width: 6 mm



Cat No:

324 429
324 420

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²	24	24	2,5 mm²		24	24	2,5 mm²
UL	300	24	AWG 24-12	300	24	AWG 24-12		300	24	AWG 24-12
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data						
Conductor cross section solid (min-max.)	0,2-4 mm²		0,2-4 mm²			0,2-4 mm²
Conductor cross section stranded (min.-max.)	0,2-4 mm²		0,2-4 mm²			0,2-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²		0,5-1,5 mm²			0,5-1,5 mm²
AWG Conductor	AWG 24-12		AWG 24-12			AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm		7-8 mm			7-8 mm
Torque (min-max.)	0,4-0,6 Nm		0,4-0,6 Nm			0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)

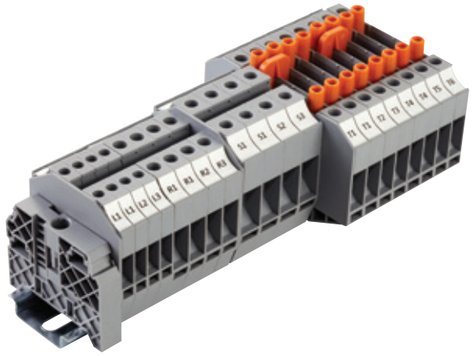
End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/PUK 3 S	450 169	10	NPP/PUK 3 S	450 169	10		NPP/PUK 3 S	450 169	10

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	480 132	25	UK 2,5/2	480 132	25		UK 2,5/2	480 132	25
	UK 2,5/3	480 133	20	UK 2,5/3	480 133	20		UK 2,5/3	480 133	20
	UK 2,5/4	480 134	15	UK 2,5/4	480 134	15		UK 2,5/4	480 134	15
	UK 2,5/10	480 139	5	UK 2,5/10	480 139	5		UK 2,5/10	480 139	5
	UK 2,5/35	480 140	5	UK 2,5/35	480 140	5		UK 2,5/35	480 140	5

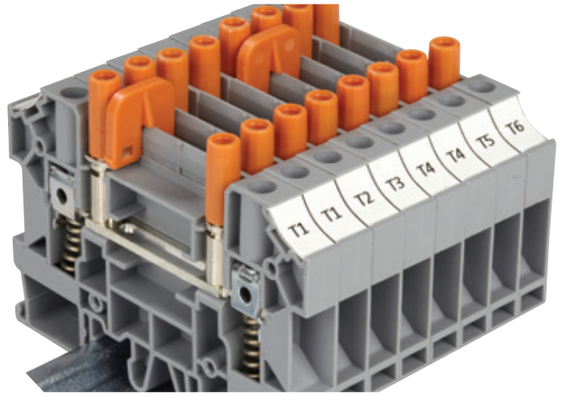
Technical Data			
Rated Impulse Voltage / Pollution severity	6/3	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -	IP 20 / PE
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	DB 5	DB 5	DB 5

Package Quantity			
	20 pcs.	20 pcs.	20 pcs.

Screw Connection Disconnect / Test and Disconnect / Fuse Terminals

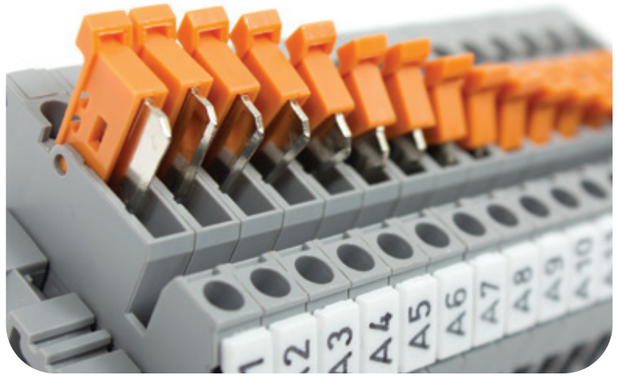


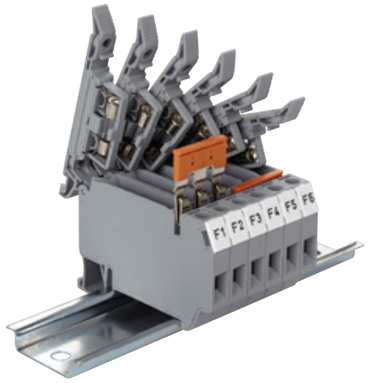
WGO Y Series Test and Disconnect Terminals provide safe connection with spring force under the contact of the terminal block. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.





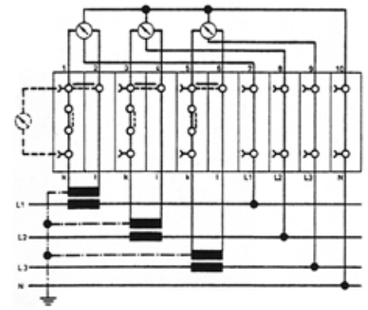


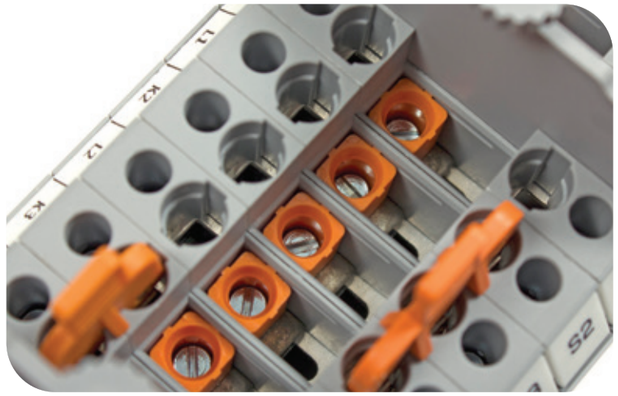


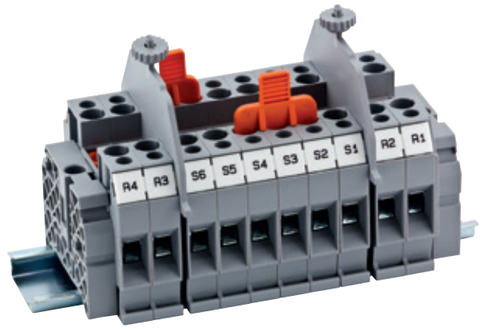


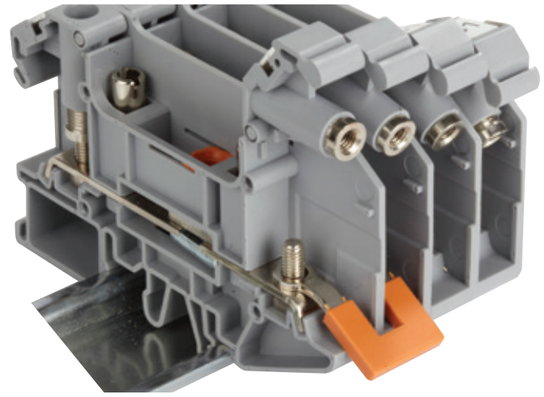
Screw Connection Fuse Rail Terminals Terminals can be used with glass fuse between 1A...10A. The fuse inside of the terminal is easily mounted and dismounted, and is an ideal solution when there is a necessity to change it even when the power is on in the system. Marking solutions can be provided by Plotter Labeling.

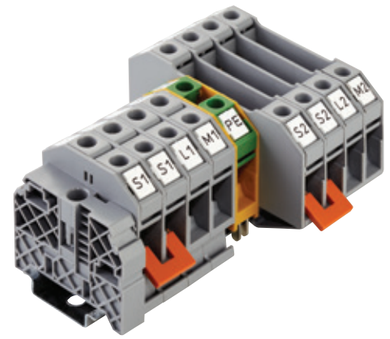
WGO Series Test and Disconnect Terminals are used to perform required tests without switching off the power in the system. These products are installed at the secondary side of current transformers, and thus, electrical ratings can be observed by testing equipment connected to the product. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.

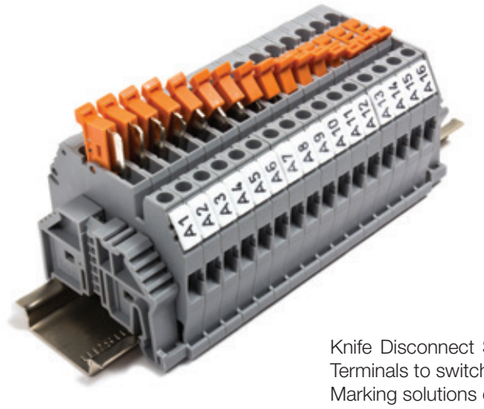












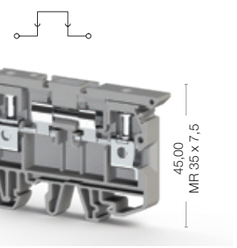
WGO PB series Ring and Fork Type Plug inTerminals provide practical safe connection. For WGO PB series, cable assembly is done with insulated ring type terminals and the terminal blocks have two test sockets. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.

Knife Disconnect System, enables Screw Connection Disconnect Terminals to switch energy in the system.
Marking solutions can be provided by Plotter Labeling.

Disconnect Terminals

ASK 2 B

Width: 8 mm

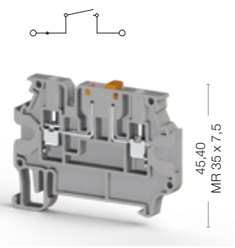


Cat No:

360 119
360 110

AVK 2,5 A

Width: 5 mm

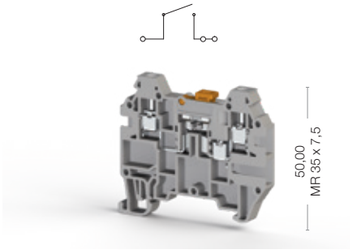


Cat No:

304 419
304 410

AVK 2,5 EA

Width: 6 mm

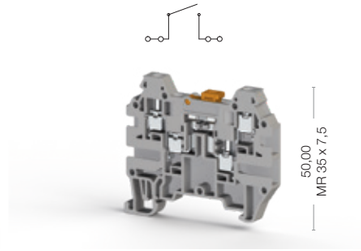


Cat No:

324 949
324 940

AVK 2,5 CCA

Width: 6 mm



Cat No:

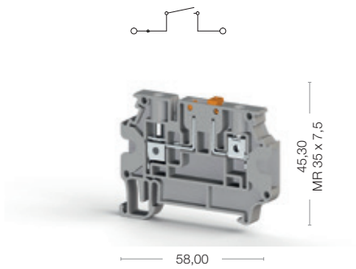
324 939
324 930

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	6,3	6 mm²	500	16	2,5 mm²	400	16	2,5 mm²	400	16	2,5 mm²
UL	300	6,3	AWG 26-8									
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²		
AWG Conductor	AWG 24-8			AWG 24-12			AWG 24-12			AWG 24-12		
Insulation Stripping Length (min.-max.)	10-12 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,8-1,2 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/ASK 2	450 049	25	NPP/AVK 2,5A	450 330	25	NPP/AVK 2,5 CC	444 139	25	NPP/AVK 2,5 CC	444 139	25
Push-in Cross Connection				**Type**	**Cat.No.**	**Qty.**						
				UK 2,5/2	476 222	25						
				UK 2,5/3	476 223	20						
				UK 2,5/4	476 224	15						
				UK 2,5/10	476 229	5						
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	DB 5			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T SLF-P1 W			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity												
	25 pcs.			50 pcs.			80 pcs.			80 pcs.		

Disconnect Terminals

AVK 4 A

Width: 6 mm

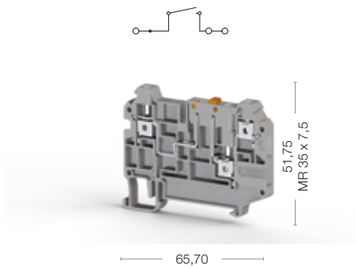


Cat No:

304 380
304 389

AVK 4 CEA

Width: 6 mm

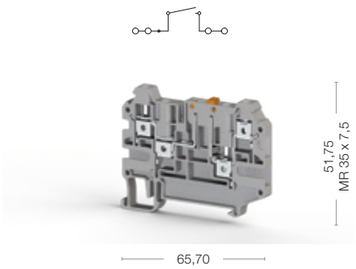


Cat No:

325 239
325 230

AVK 4 CCA

Width: 6 mm

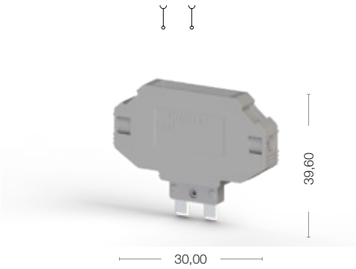


Cat No:

325 219
325 210

AVK AS

Width: 5,80 mm

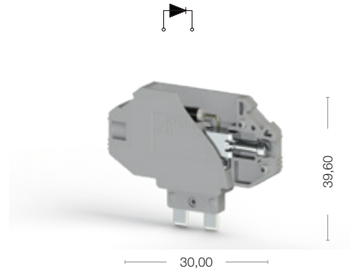


Cat No:

498 959
498 950

AVK ASD

Width: 5,80 mm



Cat No:

499 059
499 050

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	20	4 mm²	500	20	4 mm²	500	20	4 mm²	400	16	2,5 mm²	400	0,5	2,5 mm²
UL	300	16	AWG 26-10												
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-4 mm²			0,2-4 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-4 mm²			0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-12			AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			6-7 mm			6-7 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,4-0,6 Nm			0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**						
	NPP/AVK 4 R-A	450 330	25	NPP/AVK 4CEA	450 349	25	NPP/AVK 4CCA	450 349	25						
Technical Data For Diode															
Diode Voltage													1000V		
Diode Current													1A		
Diode													1 N 4007		
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**						
	UK 4/2	476 232	25	UK 4/2	476 232	25	UK 4/2	476 232	25						
	UK 4/3	476 233	20	UK 4/3	476 233	20	UK 4/3	476 233	20						
	UK 4/4	476 234	15	UK 4/4	476 234	15	UK 4/4	476 234	15						
	UK 4/10	476 239	5	UK 4/10	476 239	5	UK 4/10	476 239	5						
Technical Data															
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	DB 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10,6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10,6T			DB 5, DB 10/6, DG 10/6, DG 10/6T			DB 5, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity															
	50 pcs.			50 pcs.			50 pcs.			50 pcs.			50 pcs.		

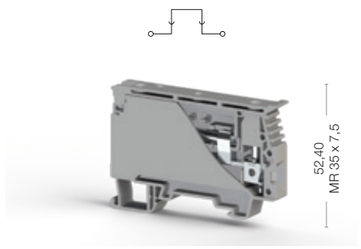
NOTE: AVK ASD is just used with AVK 4A, AVK 4CEA and AVK 4CCA terminal blocks.

NOTE: AVK ASD is just used with AVK 4A, AVK 4CEA and AVK 4CCA terminal blocks.

Disconnect Terminals

ASK 4 B

Width: 10 mm

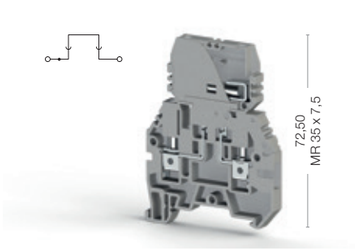


Cat No:

360 129
360 120

ASK 3 FB

Width: 6,2 mm

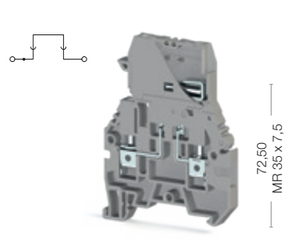


Cat No:

362 009
362 000

ASK 3 MB

Width: 6,2 mm

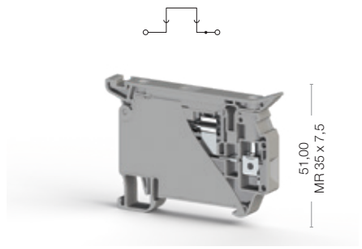


Cat No:

363 009
363 000

ASK 5 B

Width: 8 mm



Cat No:

353 419
353 410

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	6,3	6 mm²	500	16	4 mm²	500	16	4 mm²	500	10	4 mm²
UL	600	6,3	AWG 22-8									
VDE (IEC 60947-7-1)												
CSA												
ATEX												

Connection Data												
Conductor cross section solid (min-max.)	0,34-10 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,34-10 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 22-8			AWG 24-10			AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			8-9 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		

End Plate				Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
				NPP/ASK 3	450 059	10		NPP/ASK 3	450 059	10			

Push-in Cross Connection													
				UK 4/2	476 232	25		UK 4/2	476 232	25	UK 6/2	476 242	25
				UK 4/3	476 233	20		UK 4/3	476 233	20	UK 6/3	476 243	20
				UK 4/4	476 234	15		UK 4/4	476 234	15	UK 6/4	476 244	15
											UK 6/10	476 249	5

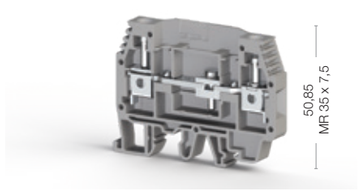
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5			1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 8x10			DB 5, DB 10/6,			DB 5, DB 10/6,			D_NS 8x10, DG 10/8		

Package Quantity												
	20 pcs.			20 pcs.			20 pcs.			50 pcs.		

WGO Series
Test / Disconnect Terminals

WGO 1

Width: 8 mm

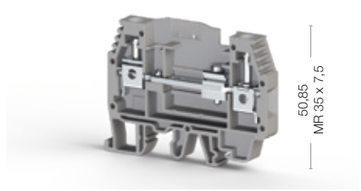


Cat No:

370 590
370 500

WGL 1

Width: 8 mm

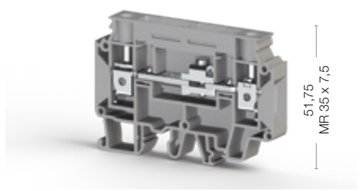


Cat No:

375 790
375 700

WGO 2 N

Width: 10 mm

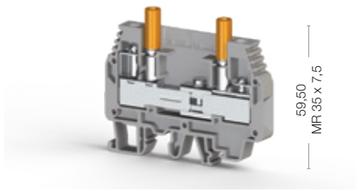


Cat No:

375 890
375 800

WGO 3

Width: 8 mm

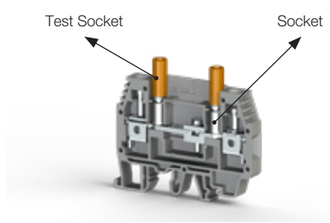


Cat No:

375 692
375 602

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	41	6 mm²	400	41	6 mm²	400	57	10 mm²	400	41	6 mm²
UL	300	50	AWG 20-8	300	50	AWG 20-8				300	43	AWG 20-8
VDE (IEC 60947-7-1)												
CSA												
ATEX	250	36								250	36	
Connection Data												
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-10 mm²			0,5-16 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-10 mm²			0,5-16 mm²			0,2-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-4 mm²			0,5-6 mm²			0,5-4 mm²		
AWG Conductor	AWG 24-8			AWG 24-8			AWG 20-6			AWG 24-8		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm			10-12 mm			10-12 mm		
Torque (min-max.)	0,8-1,2 Nm			0,8-1,2 Nm			1,2-1,8 Nm			0,8-1,2 Nm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
Ordering Data	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Without Socket - Beige / Grey	WGO 1	370 500 - 590	60	WGL 1	375 700 - 790	60	WGO 2 N	375 800 - 890	50	WGO 3	375 600 - 690	50
One Socket - Beige / Grey	WGO 1	370 501 - 591	60	WGL 1	375 701 - 791	60	WGO 2 N	375 801 - 891	50	WGO 3	375 601 - 691	50
Double Socket - Beige / Grey							WGO 2 N	375 804 - 894	50	WGO 3	375 604 - 694	50
One Test Socket - Beige / Grey	WGO 1	370 503 - 593	60	WGL 1	375 702 - 792	60	WGO 2 N	375 803 - 893	50	WGO 3	375 603 - 693	50
Double Test Socket - Beige / Grey	WGO 1	370 502 - 592	60				WGO 2 N	375 802 - 892	50	WGO 3	375 602 - 692	50
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/WGO 1	450 109	25	NPP/WGO 1	450 109	25	NPP/WGO 2 N	450 230	25	NPP/WGO 3	450 229	25
										NPP/WGO 3	450 220	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	IZUK 6/2	476 302	10	IZUK 6/2	476 302	10	IZUK 10/2	476 402	10	IZUK 6/2	476 302	10
	IZUK 6/3	476 303	10	IZUK 6/3	476 303	10	IZUK 10/3	476 403	10	IZUK 6/3	476 303	10
	IZUK 6/4	476 304	10	IZUK 6/4	476 304	10	IZUK 10/4	476 404	10	IZUK 6/4	476 304	10
	IZUK 6/6	476 306	10	IZUK 6/6	476 306	10	IZUK 10/6	476 406	10	IZUK 6/6	476 306	10
	IZUK 6/10	476 309	5	IZUK 6/10	476 309	5	IZUK 10/10	476 409	5	IZUK 6/10	476 309	5
	WGO UAA	498 300	1	WGO UAA	498 300	1				WGO UAA	498 300	1
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
suitable for test socket types	TF (Ø4)	493 050	10	TF (Ø4)	493 050	10	TF (Ø4)	493 050	10	TF (Ø4)	493 050	10
Comb Connector	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO 6/2	476 282	25	TKO 6/2	476 282	25	TKO 10/2	476 292	25	TKO 6/2	476 282	25
	TKO 6/3	476 283	20	TKO 6/3	476 283	20	TKO 10/3	476 293	20	TKO 6/3	476 283	20
	TKO 6/4	476 284	15	TKO 6/4	476 284	15	TKO 10/4	476 294	15	TKO 6/4	476 284	15
	TKO 6/10	476 289	5	TKO 6/10	476 289	5	TKO 10/10	476 299	5	TKO 6/10	476 289	5
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			4/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5			1/B5			1/B6			1/B5		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10, SLF-P1 W			D_NS 8x10, DG 10/8		
Package Quantity												
	60 pcs.			60 pcs.			50 pcs.			50 pcs.		

Socket Selections





Without Socket

Single Socket

Double Socket

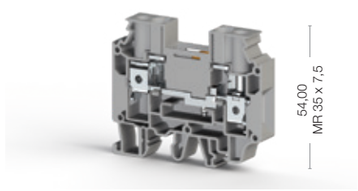
Single Test Socket

Double Test Socket

WGO Series
Test / Disconnect Terminals

WGO 2 IR

Width: 10 mm

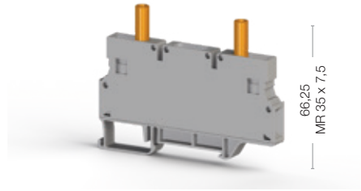


Cat No:

375 909
375 900

WGO 4

Width: 8 mm

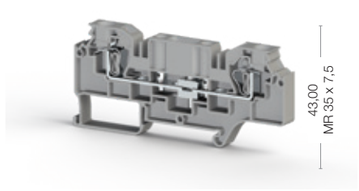


Cat No:

376 090
376 000

WGO 5

Width: 8 mm

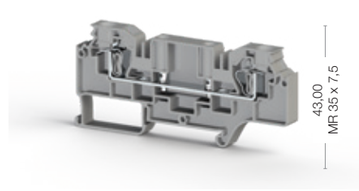


Cat No:

376 190
376 100

WGO D5

Width: 8 mm

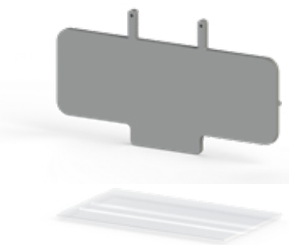


Cat No:

376 290
376 200

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	57	10 mm²	1000	41	6 mm²		500	41	6 mm²	500	41	6 mm²
UL													
VDE (IEC 60947-7-1)													
CSA													
ATEX	400	50											
Connection Data													
Conductor cross section solid (min-max.)	0,5-16 mm²			0,2-10 mm²				0,2-10 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,5-16 mm²			0,2-10 mm²				0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-6 mm²			0,5-4 mm²				1,5 mm²			1,5 mm²		
AWG Conductor	AWG 20-6			AWG 24-8				AWG 24-8			AWG 24-8		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm				10-12 mm			10-12 mm		
Torque (min-max.)	1,2-1,8 Nm			0,8-1,0 Nm									
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				KT 4 (0,8x4,0)			KT 4 (0,8x4,0)		
Ordering Data	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**							
Without Socket - Beige / Grey	WGO 2 IR	375 900 - 909	50										
One Socket - Beige / Grey													
Double Socket - Beige / Grey													
One Test Socket - Beige / Grey													
Double Test Socket - Beige / Grey				WGO 4 (Grey)	376 091	50							
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Grey / Beige	NPP/WGO 2 IR	450 249	25					NPP/WGO 5	450 359	25	NPP/WGO 5	450 359	25
								APP/WGO 5	463 219	25	APP/WGO 5	463 219	25
								Cover WGO 5	498 260	1 meter			
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	IZUK 10W/2	476 502	10	IZUK 6/2	476 302	10		UK 6/2	476 242	25	UK 6/2	476 242	25
	IZUK 10W/3	476 503	10	IZUK 6/3	476 303	10		UK 6/3	476 243	20	UK 6/3	476 243	20
	IZUK 10W/4	476 504	10	IZUK 6/4	476 304	10		UK 6/4	476 244	15	UK 6/4	476 244	15
	IZUK 10W/6	476 506	10	IZUK 6/6	476 306	10		UK 6/10	476 249	5	UK 6/10	476 249	5
	IZUK 10W/10	476 509	5	IZUK 6/10	476 309	5							
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF (Q4)	493 050	10	TF (Ø4)	493 050	10		TF (Ø4)	493 050	10	TF (Ø4)	493 050	10
Comb Connector	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**							
	TKO 10/2	476 292	25	UK 6/2	476 242	25							
	TKO 10/3	476 293	20	UK 6/3	476 243	20							
	TKO 10/4	476 294	15	UK 6/4	476 244	15							
	TKO 10/10	476 299	5	UK 6/10	476 249	5							
Technical Data													
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6			1/B5				1/A5			1/A5		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W				D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 8x10 SLF-P1 W, DG 10/8		
Package Quantity													
	50 pcs.			50 pcs.				40 pcs.			40 pcs.		

APP/WGO 5 - Cat No.: 463 219

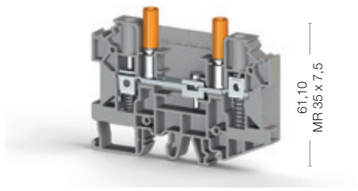


Protection Cover for WGO 5 - Cat No.: 498 260

WGO Y Series
Test / Disconnect Terminals

WGO Y 6

Width: 8 mm

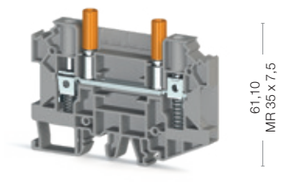


Cat No:

375 919
375 910

WGO YD 6

Width: 8 mm



Cat No:

375 929
375 920

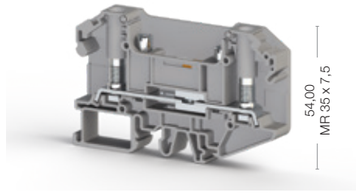
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm²	1000	41	6 mm²
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-4 mm²		
AWG Conductor	AWG 24-8			AWG 24-8		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm		
Torque (min-max.)	0,8-1,2 Nm			0,8-1,2 Nm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Grey	NPP/WGO Y 6	450 279	25	NPP/WGO YD 6	450 279	25
Beige	NPP/WGO Y 6	450 270	25	NPP/WGO YD 6	450 270	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	IZUK 6/2	476 302	10	IZUK 6/2	476 302	10
	IZUK 6/3	476 303	10	IZUK 6/3	476 303	10
	IZUK 6/4	476 304	10	IZUK 6/4	476 304	10
	IZUK 6/6	476 306	10	IZUK 6/6	476 306	10
	IZUK 6/10	476 309	5	IZUK 6/10	476 309	5
	WGO UAA	498 300	1	WGO UAA	498 300	1
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF (Q4)	493 050	10	TF (Q4)	493 050	10
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5			1/B5		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W		
Package Quantity						
	48 pcs.			48 pcs.		

WGO PB Series
Test / Disconnect Terminals

V0 material

WGO PB 6/NM

Width: 11 mm

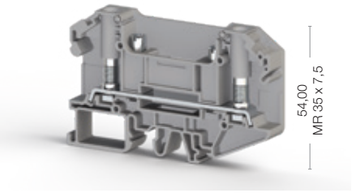


Cat No:

308 069
308 060

WGO PBD 6/NM

Width: 11 mm



Cat No:

308 079
308 070

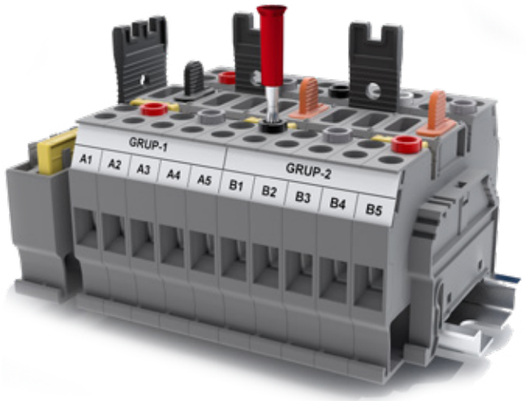
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm²	1000	41	6 mm²
UL	600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)						
CSA	600	45	AWG 22-8	600	45	AWG 22-8
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,5-6 mm²			0,5-6 mm²		
Conductor cross section stranded (min.-max.)	0,5-6 mm²			0,5-6 mm²		
AWG Conductor	AWG 22-8			AWG 22-8		
Torque	0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	4,2 mm			4,2 mm		
Bolt Diameter	4 mm			4 mm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/WGO PB 6	451 009	25	NPP/WGO PB 6	451 009	25
	APP/WGO PB 6	464 019	25	APP/WGO PB 6	464 019	25
Comb Connector/Ring Type	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO PB 6/2	479 002	25	TKO PB 6/2	479 002	25
	TKO PB 6/3	479 003	20	TKO PB 6/3	479 003	20
	TKO PB 6/4	479 004	15	TKO PB 6/4	479 004	15
	TKO PB 6/7	479 007	5	TKO PB 6/7	479 007	5
	TKO PB 6/10	479 009	5	TKO PB 6/10	479 009	5
Test Plug						
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W		
Package Quantity						
	25 pcs.			25 pcs.		

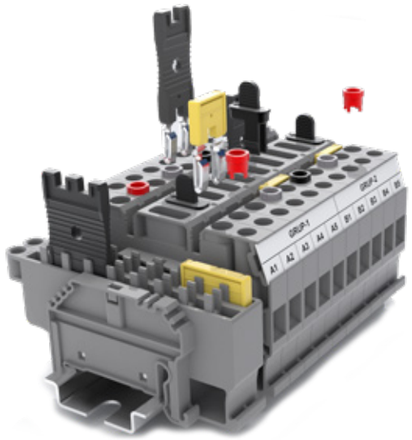
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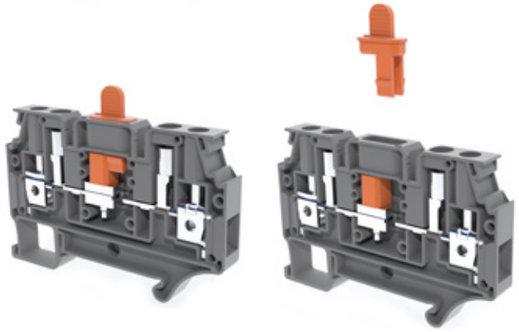
V0 material

WGO 6 Test and Disconnect Terminals

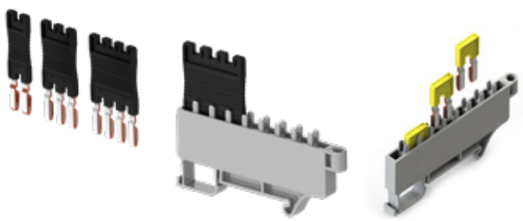
Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL 1 – HL 2 –HL 3



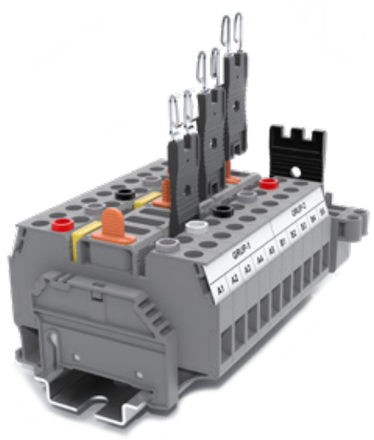




- 6mm² Closed Type Test and Disconnect Terminal Block, no need for an extra end plate usage.
- Insulation Material V0 PA complied with UL 94
- Suitable for 4mm diameter test plug with preformed self socket. No need for a socket and test socket model selection, test plug can be inserted directly.
- Test Socket color coding is possible thanks to WGO 6KP coding plastics.
- WGO 6PK ensures the Sliding Disconnect Bridge safety with exact positioning. When the circuit is disconnected, you can use WGO 6PK as a safety isolation to prevent unexpected tripping and arcing.
- Suitable for 11.2mm marking strip.
- Din rail mounted ATCS 6 cross connection holder prevents possible accessory loss for SCS 6 and CS 6, when they are not in use.



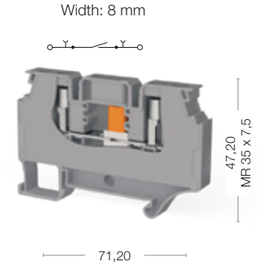
CS type (2-3-4-5-10 poles) accessories are push-in cross connectors, SCS type (2-3-4 poles) accessories are longer push-in short-circuit connectors. In case there is no accessory holder (ATCS 6) usage, SCS type connectors can be mounted upside down to same connection holes to prevent any accessory loss.



WGO 6 Series Test / Disconnect Terminals

new WGO 6/NM

Width: 8 mm

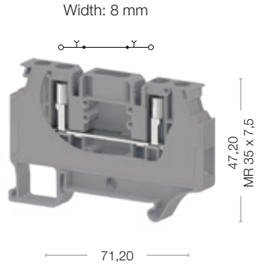


Cat No:

309 609
309 600

new WGO D6/NM

Width: 8 mm



Cat No:

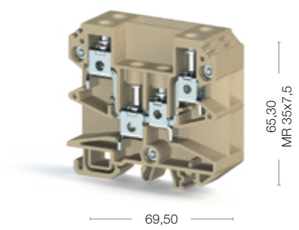
309 619
309 610

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm²	1000	41	6 mm²
UL	600	50	AWG 24-8	600	50	AWG 24-8
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-10 mm²		
AWG Conductor	AWG 24-8			AWG 24-8		
Torque	0,8-1,0 Nm			0,8-1,0 Nm		
Hole Diameter	10 mm			10 mm		
Bolt Diameter	B5			B5		
Screwdriver	IKT 4 (0,8x4)			IKT 4 (0,8x4)		
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 6/2	470 122	25	CS 6/2	470 122	25
	CS 6/3	470 123	20	CS 6/3	470 123	20
	CS 6/4	470 124	15	CS 6/4	470 124	15
	CS 6/5	470 125	10	CS 6/5	470 125	10
	CS 6/10	470 129	5	CS 6/10	470 129	5
	SCS 6/2	470 172	25	SCS 6/2	470 172	25
	SCS 6/3	470 173	20	SCS 6/3	470 173	20
	SCS 6/4	470 174	15	SCS 6/4	470 174	15
Plastic Lock	**Type**	**Cat.No.**	**Qty.**			
Grey	WGO 6_PK	469 079	50			
Orange	WGO 6_PK	469 077	50			
Coding Plastic	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Orange	WGO 6_KP	469 067	50	WGO 6_KP	469 067	50
Blue	WGO 6_KP	469 061	50	WGO 6_KP	469 061	50
Green	WGO 6_KP	469 062	50	WGO 6_KP	469 062	50
Yellow	WGO 6_KP	469 063	50	WGO 6_KP	469 063	50
Red	WGO 6_KP	469 064	50	WGO 6_KP	469 064	50
Black	WGO 6_KP	469 065	50	WGO 6_KP	469 065	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TFØ4	493 050	10	TFØ4	493 050	10
Cross Connection Holder	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	ATCS 6	499 559	20	ATCS 6	499 559	20
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D-NS 8x10, DG 10/8, SLF-P1 W			D-NS 8x10, DG 10/8, SLF-P1 W		
Package Quantity						
	50 pcs.			50 pcs.		

Distribution Terminals

AYK 10/16

Width: 11 mm

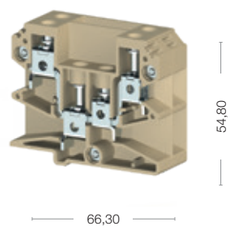


Cat No:

395 100

AYK 10/16

Width: 11 mm

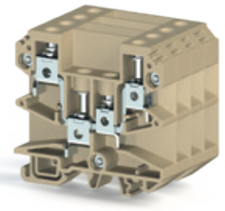


Cat No:

395 200

AYK 10/16-2,3,4,5

Width: 23,5 - 34,5 - 45,5 - 56,5 mm
(With End Plate)



Cat No:

395 220

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	76	16 mm²	750	76	16 mm²		750	76	16 mm²
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min-max.)	2,5-0,5 mm²			2,5-0,5 mm²				2,5-0,5 mm²		
Conductor cross section stranded (min.-max.)	25-16 mm²			25-16 mm²				25-16 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	1,5-0,5/10-6 mm²			1,5-0,5/10-6 mm²				1,5-0,5/10-6 mm²		
AWG Conductor	AWG 14/20-4/6			AWG 14/20-4/6				AWG 14/20-4/6		
Insulation Stripping Length (min.-max.)	14/8-16/10 mm			14/8-16/10 mm				14/8-16/10 mm		
Torque (min-max.)	1,2/1,2-2,0/1,8 Nm			1,2/1,2-2,0/1,8 Nm				1,2/1,2-2,0/1,8 Nm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				IKT 4 (0,8x4,0)		

Ordering Data									

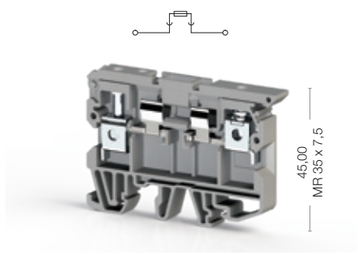
Type	Cat.No.	Qty.
AYK 10/16 - 2	395 220	20
AYK 10/16 - 3	395 230	20
AYK 10/16 - 4	395 240	20
AYK 10/16 - 5	395 250	20

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/AYK	450 090	10	NPP/AYK	450 090	10		NPP/AYK	450 090	10
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6			1/B6				1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5,			D_NS 5x6, DB 5, DG 6/5,				D_NS 5x6, DB 5, DG 6/5,		
Package Quantity										
	20 pcs.			20 pcs.				20 pcs.		

Screw Type Fuse Terminals

ASK 2 S

Width: 8 mm



Cat No:

351 109
351 100

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	6,3	6 mm²
UL	300	6,3	AWG 26-8
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-10 mm²
Conductor cross section stranded (min.-max.)	0,2-10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min-max.)	0,8-1,2 Nm
Screwdriver	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 2 LD (24 AC)	351 219	25
	ASK 2 LD (24 DC)	351 229	25
	ASK 2 LD (48 AC)	351 319	25
	ASK 2 LD (48 DC)	351 329	25
	ASK 2 LD (110 AC)	351 519	25
	ASK 2 LD (110 DC)	351 529	25
	ASK 2 LD (220 AC)	351 619	25
	ASK 2 LD (220 DC)	351 629	25

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 2	450 049	25

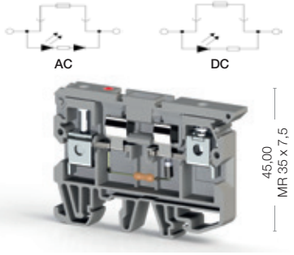
Push-in Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 10/4

Package Quantity
50 pcs.

ASK 2 LD

Width: 8 mm



Cat No:

351 219
351 210

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)		6,3	6 mm²
UL		6,3	AWG 26-8
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-10 mm²
Conductor cross section stranded (min.-max.)	0,2-10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min-max.)	0,8-1,2 Nm
Screwdriver	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	NPP/ASK 2	450 049	25

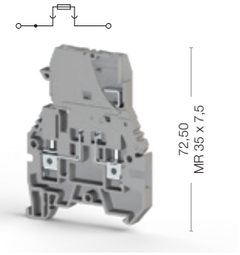
Push-in Cross Connection

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 5

Package Quantity
25 pcs.

ASK 3 M

Width: 6,2 mm



Cat No:

355 109
355 100

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm²
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

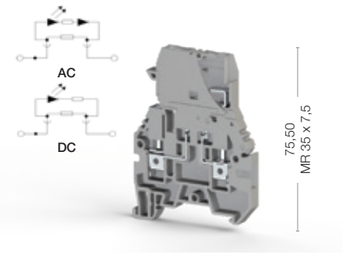
Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 5, DB 10/6

Package Quantity
30 pcs.

ASK 3 MLD

Width: 6,2 mm



Cat No:

355 219
355 210

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)		10	4 mm²
UL		10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 MLD (24 AC)	355 219	30
	ASK 3 MLD (24 DC)	355 229	30
	ASK 3 MLD (48 AC)	355 319	30
	ASK 3 MLD (48 DC)	355 329	30
	ASK 3 MLD (110 AC)	355 519	30
	ASK 3 MLD (110 DC)	355 529	30
	ASK 3 MLD (220 AC)	355 619	30
	ASK 3 MLD (220 DC)	355 629	30

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

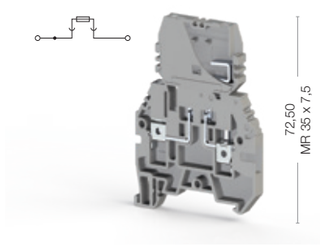
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 5, DB 10/6

Package Quantity
30 pcs.

Screw Type Fuse Terminals

ASK 3 F

Width: 6,2 mm

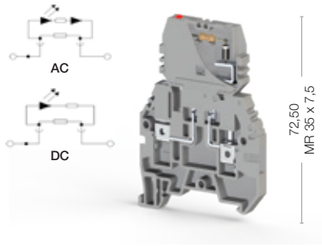


Cat No:

354 109
354 100

ASK 3 FLD

Width: 6,2 mm

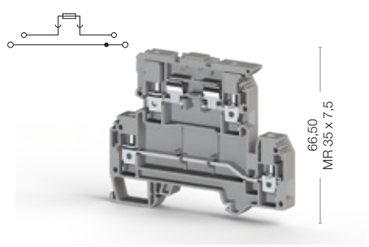


Cat No:

354 219
354 210

AVK 4 FS

Width: 8 mm

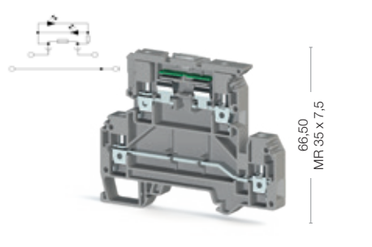


Cat No:

353 309
353 300

AVK 4 FSLD

Width: 8 mm



Cat No:

353 329
353 320

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm²
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)		10	4 mm²
UL		10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	32	4 mm²
UL	300	6,3/30	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	24	32	4 mm²
UL	300	6,3/30	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data				
Conductor cross section solid (min-max.)	0,2-6 mm²	0,2-6 mm²	0,2-6 mm²	0,2-6 mm²
Conductor cross section stranded (min.-max.)	0,2-6 mm²	0,2-6 mm²	0,2-6 mm²	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²	0,5-2,5 mm²	0,5-2,5 mm²	0,5-2,5 mm²
AWG Conductor	AWG 24-10	AWG 24-10	AWG 24-10	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm	9-10 mm	8-9 mm	8-9 mm
Torque (min-max.)	0,5-0,8 Nm	0,5-0,8 Nm	0,5-1,0 Nm	0,5-1,0 Nm
Screwdriver	IKT 3 (0,6x3,5)	IKT 3 (0,6x3,5)	IKT 3 (0,6x3,5)	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 FLD (24 AC)	354 219	30
	ASK 3 FLD (24 DC)	354 229	30
	ASK 3 FLD (48 AC)	354 319	30
	ASK 3 FLD (48 DC)	354 329	30
	ASK 3 FLD (110 AC)	354 519	30
	ASK 3 FLD (110 DC)	354 529	30
	ASK 3 FLD (220 AC)	354 619	30
	ASK 3 FLD (220 DC)	354 629	30

Ordering Data	Type	Cat.No.	Qty.
	AVK 4 FSLD (110V AC/DC)	353 349	50
	AVK 4 FSLD (24V AC/DC)	353 329	50
	AVK 4 FSLD (220V AC/DC)	353 359	50

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 4 FS	450 209	10

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 4FS	450 209	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 6/2	476 242	25
	UK 6/3	476 243	20
	UK 6/4	476 244	15
	UK 6/10	476 249	5

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 6/2	476 242	25
	UK 6/3	476 243	20
	UK 6/4	476 244	15
	UK 6/10	476 249	5

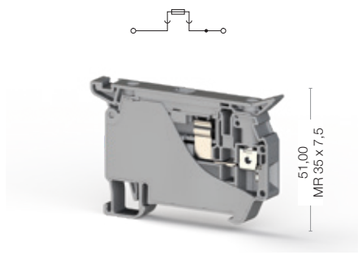
Technical Data				
Rated Impulse Voltage / Pollution severity	6/3	6/3	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4	1/A4	1/A4	1/A4
Protection class / Protection conductor type	IP 20 / -	IP 20 / -	IP 20 / -	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25	G/5x20-5x25	G/5x20-5x25	G/5x20-5x25
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	DB 5, DB 10/6	DB 5, DB 10/6	D_NS 5x6, DB 5, DG 6/5	D-NS 5x10, DG 6/5, DB 5

Package Quantity				
	30 pcs.	30 pcs.	50 pcs.	50 pcs.

Screw Type Fuse Terminals

ASK 5

Width: 8 mm



Cat No:

353 409
353 400

ASK 5 LD

Width: 8 mm



Cat No:

353 429
353 420

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm²		10	4 mm²
UL	300	10	AWG 26-10		10	AWG 26-10
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	8-9 mm			8-9 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		

Ordering Data				Type	Cat.No.	Qty.
				ASK 5 LD 24V AC/DC	353 429	50
				ASK 5 LD 110V AC/DC	353 449	50
				ASK 5 LD 220V AC/DC	353 439	50

Push-in Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 6/2	476 242	25	UK 6/2	476 242	25
UK 6/3	476 243	20	UK 6/3	476 243	20
UK 6/4	476 244	15	UK 6/4	476 244	15
UK 6/10	476 249	5	UK 6/10	476 249	5

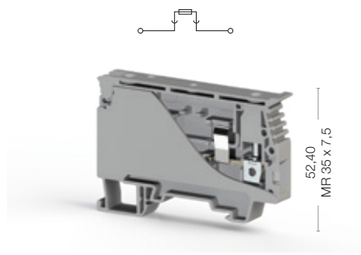
Technical Data		
Rated Impulse Voltage / Pollution severity	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4	1/A4
Protection class / Protection conductor type	IP 20 / -	IP 20 / -
Fuse / Fuse Type	G/5x20-5x25	G/5x20-5x25
Marking Tags (Dekafix)		
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8	D_NS 8x10, DG 10/8

Package Quantity		
	50 pcs.	50 pcs.

Fuse Terminals for American Standards

ASK 4 S

Width: 10 mm

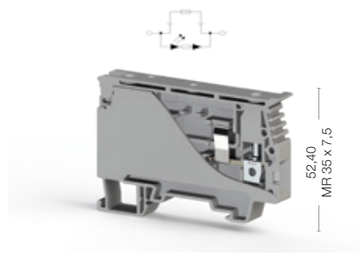


Cat No:

351 129
351 120

ASK 4 LD

Width: 10 mm



Cat No:

351 719
351 710

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	750	6,3	6 mm²		6,3	6 mm²
UL	600	6,3	AWG 22-8		6,3	AWG 22-8
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,34-10 mm²			0,34-10 mm²		
Conductor cross section stranded (min.-max.)	0,34-10 mm²			0,34-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-4 mm²		
AWG Conductor	AWG 22-8			AWG 22-8		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm		
Torque	0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		

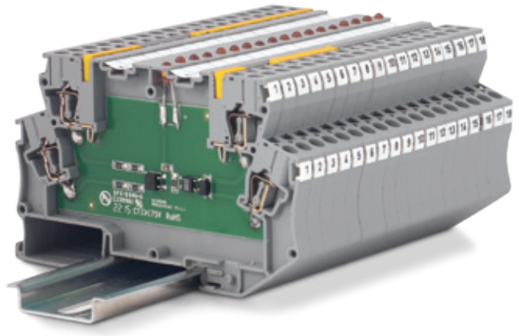
Ordering Data				Type	Cat.No.	Qty.
				ASK 4 LD (24 AC)	351 719	20
				ASK 4 LD (24 DC)	351 729	20
				ASK 4 LD (48 AC)	351 739	20
				ASK 4 LD (48 DC)	351 749	20
				ASK 4 LD (110 AC)	351 759	20
				ASK 4 LD (110 DC)	351 769	20
				ASK 4 LD (220 AC)	351 779	20
				ASK 4 LD (220 DC)	351 789	20

Technical Data		
Rated Impulse Voltage / Pollution severity	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5	1/B5
Protection class / Protection conductor type	IP 20 / -	IP 20 / -
Fuse / Fuse Type	63,5x31,75	63,5x31,75
Marking Tags (Dekafix)		
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8	D_NS 8x10, DG 10/8

Package Quantity		
	20 pcs.	20 pcs.

Double Level Electronic Terminals

WG - EKİ

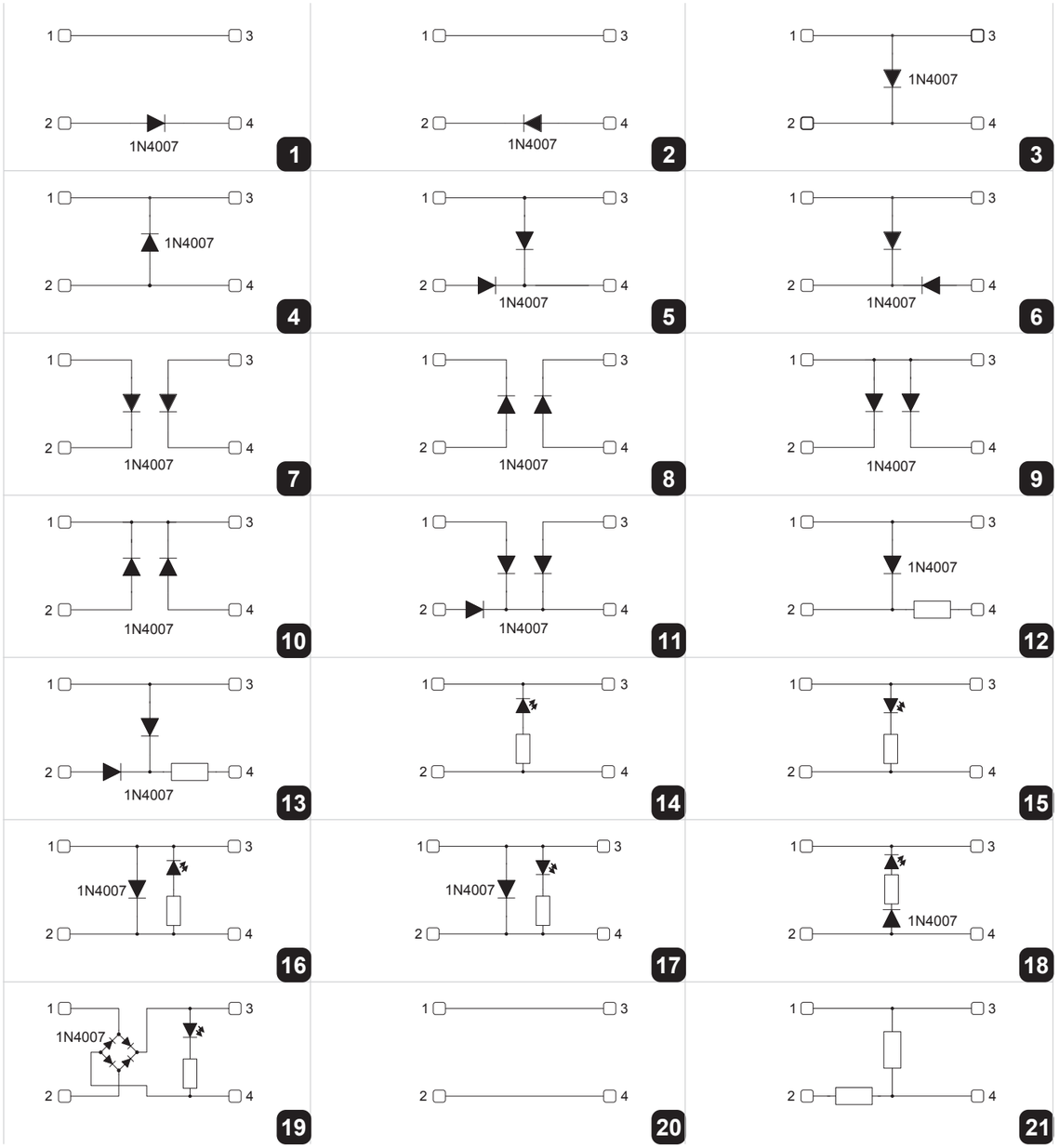


From reverse current protection to lamp test circuit, you can select among 20 ready to use circuits of WG EKI-N, or choose the empty one and apply your own circuit. There are many choices with different number of contacts and housing type suitable for your needs. Spring clamp connections speed up the cable installations whereas plug-in cross connectors provides easy and safe connection. New WG EKI-N series terminal blocks can be labeled by using plotter or thermal marking systems.

Electrical Ratings	
Terminal Current	10 A
Diode Voltage	1000 V
Diode Current	1 A

Connection Data	
Solid Strand, Screw Connection	0,8 - 4 mm²
Fine Strand, Screw Connection	0,8 - 2,5 mm²
AWG Conductor	AWG 28 - 12
Terminal Width	6,2 mm
Terminal Lengh	100,5 mm

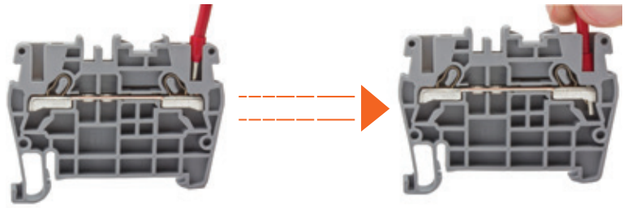
Sch. Cir. Dia.	Input Voltage	Circuit Type	Cat. No.
1	-	Reverse Current Protection	110 010N
2	-	Reverse Current Protection	110 020N
3	-	Reverse Current Protection	110 030N
4	-	Reverse Current Protection	110 040N
5	-	Lamp / Test Circuit	110 050N
6	-	Lamp / Test Circuit	110 060N
7	-	Reverse Current Protection	110 070N
8	-	Reverse Current Protection	110 080N
9	-	Lamp / Test Circuit	110 090N
10	-	Lamp / Test Circuit	110 100N
11	-	Lamp / Test Circuit	110 110N
12	24VAC/DC	Lamp / Test Circuit	110 120N
13	24VAC/DC	Lamp / Test Circuit	110 130N
14	24VDC	Voltage Indicator	110 140N
14	110VDC	Voltage Indicator	110 150N
14	220VDC	Voltage Indicator	110 160N
15	24VDC	Voltage Indicator	110 170N
15	110VDC	Voltage Indicator	110 180N
15	220VDC	Voltage Indicator	110 190N
16	24VDC	Voltage Indicator + Flyback Diode	110 200N
17	24VDC	Voltage Indicator + Flyback Diode	110 210N
18	24VAC/DC	Voltage Indicator	110 270N
18	48VAC/DC	Voltage Indicator	110 280N
18	110VAC/DC	Voltage Indicator	110 290N
18	220VAC/DC	Voltage Indicator	110 300N
19	24VAC/DC	Voltage Indicator + Rectifier	110 310N
19	110VAC/DC	Voltage Indicator + Rectifier	110 320N
19	220VAC/DC	Voltage Indicator + Rectifier	110 330N
20	-	Terminal with Cross Connection	110 380N
21	24VAC/DC	Voltage Divider	110 410N

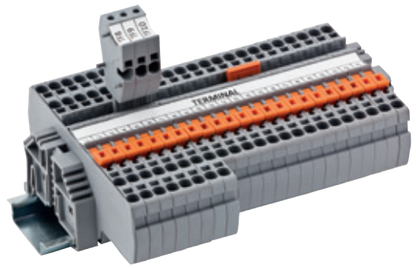


Accessories and Components									
	End Plate	Plug-in Bridge 2 Holes	Plug-in Bridge 3 Holes	Plug-in Bridge 4 Holes	Plug-in Bridge 5 Holes	Plug-in Bridge 10 Holes	DG 6/5 Label	DB 5 Label	11.2 Strip Label
Cat. No.	450389	470112	470113	470114	470115	470119	505330	505850	1020100
Qty.	10	25	20	15	10	5	440	500	1

Easy Mounting of PYK Series Terminals

Solid/stranded cables(with ferrules) are connected to the terminal just by pushing-in,without the need to use a screwdriver. The patented design of its spring provides fast and safe connection in heavily vibrating environments.





PYK Series Disconnect Terminals

Knife Disconnect System, enables Practical Spring Clamp Disconnect Terminals to switch energy in the system. Marking can be done with marking strip printed on Thermal printer, using Klemark Software.

PYK Series Fuse Terminals

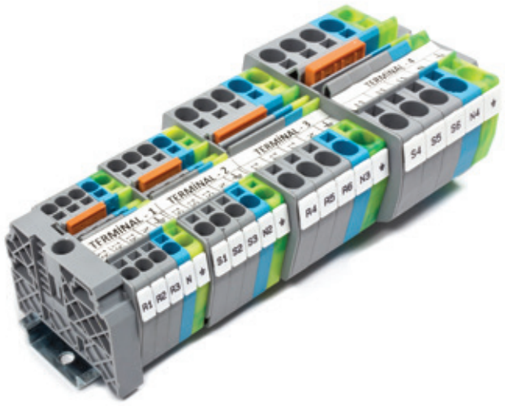
Practical Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for catridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. Easy cross-connection can be done by the help of Push in type Practical Cross Connection. Accessories facilitating Plotter labeling are available.

PYK Series Multilevel Terminals

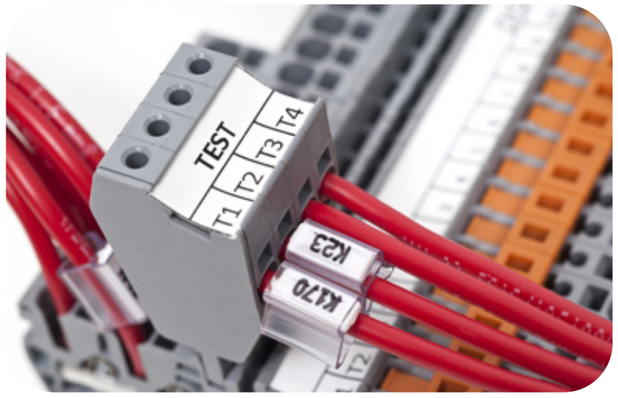
Practical Spring Clamp Multilevel Terminals are used to perform connection of wires in limited spaces, 2-3 times more connections can be done at the same space on the rail.

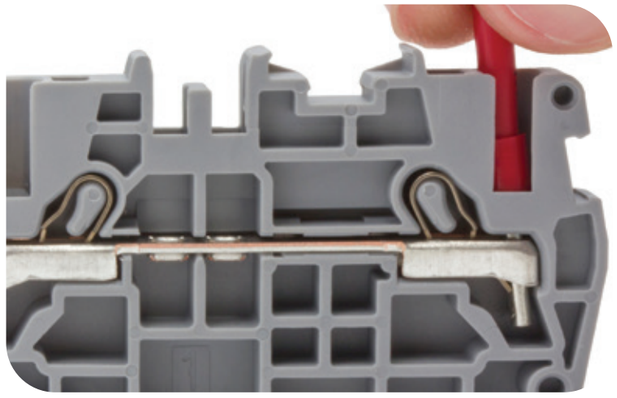
Cross-connection can be done between the layers. Marking is possible at each layer, at the same time usage of group marking carrier makes marking even clearer and visible.

PYK Series Terminals



PYK Series Practical Spring Clamp Terminals provide 16 mm² cross-section range. Screwdriver is not necessary to install wire into the terminal block. Are suitable for usage with or without ferrules. So that to make connection, it is enough to push the cable into the terminal, PYK series provides more practical mounting. Terminals accessories like End Plates and Cross Connections, make the mounting process faster like in Test Terminals. Special Marking solutions for each cross section can be provided by Plotter labeling and with marking strip printed on Thermal printer, using Klemark Software. PYK Test Terminals, produced with the test and control aim, can be labeled with thermal marking strips and standard Dekafix markings.





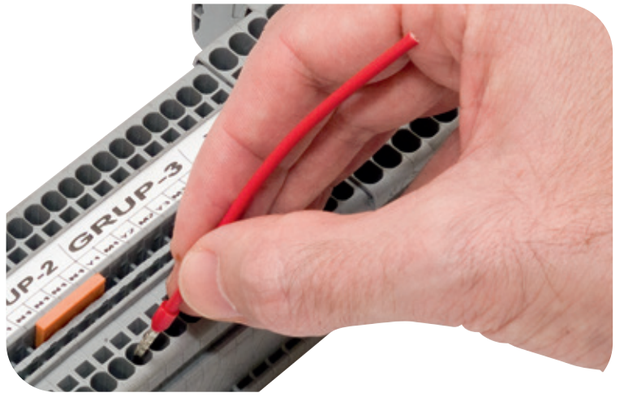


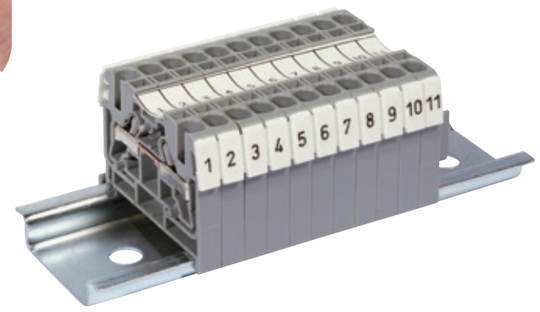
PYK Series Earth Terminals provides 16 mm² cross-section range. Screwdriver is not necessary to mount the terminal block on the rail. Mounting is more time-saving and practical. Yellow-Green color of the insulation body provides easy identification out of other Terminals. Side-by-side mounting on DIN-Rail with feed-through terminals for same cross-sections is possible with good visual effect. Special Marking solutions for each cross section can be provided by Plotter labeling and with marking strip printed on Thermal printer, using Klemark Software.





PYKM Series Practical spring clamp mini Terminals, mounted on MR 15*5,5 rail, provide both feed-through and Earth terminals.These terminals can be connected to each other when mounted on the din rail and have safe connection. Practical Spring Clamp mini Terminals enable fast solutions on narrow spaces. Marking solutions are available with Thermal Printer labeling and Plotter labeling.



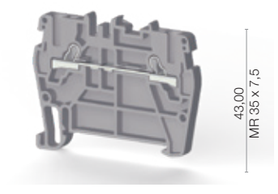


PYKMR Series Practical spring clamp mini Terminals, can be mounted on MR 35 rail, provide both feed-through and Earth terminals. These terminals can be connected to each other when mounted on the din rail and have safe connection. Practical Spring Clamp mini Terminals enable fast solutions on narrow spaces. Marking solutions are available with Thermal Printer labeling and Plotter labeling.

Practical Spring Clamp Terminals

PYK 1,5

Width: 4,2 mm



Cat No:

307 009
307 000

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	17,5	1,5 mm²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,34-2,5 mm²
Conductor cross section stranded (min.-max.)	0,34-1,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-14
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate



Type	Cat.No.	Qty.
NPP/PYK 1,5	446 449	100

Partition Plate



Type	Cat.No.	Qty.
APP PYK 1,5 M	463 180	25

Push-in Cross Connection



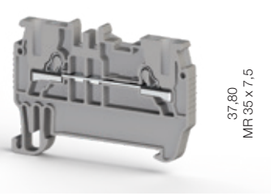
Type	Cat.No.	Qty.
UK 1,5/2	476 602	25
UK 1,5/3	476 603	20
UK 1,5/4	476 604	15
UK 1,5/10	476 609	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	SLF-P1 W, DB 10/4, SLF-P2 W, D-NS 4,2x6

Package Quantity
80 pcs.

PYK 1,5 M

Width: 4,2 mm



Cat No:

307 019
307 010

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	17,5	1,5 mm²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX	500	15	

Connection Data	
Conductor cross section solid (min-max.)	0,34-2,5 mm²
Conductor cross section stranded (min.-max.)	0,34-1,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-14
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate

Type	Cat.No.	Qty.
NPP/PYK 1,5 M	446 639	100

Partition Plate

Type	Cat.No.	Qty.
APP PYK 1,5 M	463 180	25

Push-in Cross Connection

Type	Cat.No.	Qty.
UK 1,5/2	476 602	25
UK 1,5/3	476 603	20
UK 1,5/4	476 604	15
UK 1,5/10	476 609	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	SLF-P1 W, DB 10/4, SLF-P2 W, D-NS 4,2x6

Package Quantity
100 pcs.

PYK 2,5

Width: 5 mm



Cat No:

307 109RP
307 100RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	24	2,5 mm²
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)	800	24	2,5 mm²
CSA			
ATEX	800	24	

Connection Data	
Conductor cross section solid (min-max.)	0,34-4 mm²
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate

Type	Cat.No.	Qty.
NPP PYK 2,5	446 449	100

Partition Plate

Type	Cat.No.	Qty.
APP/PYK 1,5-2,5-4	463 180	25

Push-in Cross Connection

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
D_NS 5x10, SLF-P2 W , DB 10/5, DG 10/5	

Package Quantity
100 pcs.

PYK 4

Width: 6 mm



Cat No:

307 119RP
307 110RP

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	32	4 mm²
UL	600	30	AWG 22-10
VDE (IEC 60947-7-1)	800	32	4 mm²
CSA			
ATEX	800	32	

Connection Data	
Conductor cross section solid (min-max.)	0,34-6 mm²
Conductor cross section stranded (min.-max.)	0,25-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,0 mm²
AWG Conductor	AWG 22-10
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

End Plate

Type	Cat.No.	Qty.
NPP/PYK 4	446 459	100

Partition Plate

Type	Cat.No.	Qty.
APP PYK 4	463 180	25

Push-in Cross Connection

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
"D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W	

Package Quantity
80 pcs.

PYK 6

Width: 8 mm



Cat No:

307 129
307 120

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	41	6 mm²
UL	600	35	AWG 20-8
VDE (IEC 60947-7-1)			
CSA			
ATEX	800	39	

Connection Data	
Conductor cross section solid (min-max.)	0,5-10 mm²
Conductor cross section stranded (min.-max.)	0,5-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,5 mm²
AWG Conductor	AWG 20-8
Insulation Stripping Length (min.-max.)	11-13 mm
Screwdriver	KT 3 (0,6x3,5)

End Plate

Type	Cat.No.	Qty.
NPP/PYK 6	446 469	50

Partition Plate

Type	Cat.No.	Qty.
APP PYK 6	463 190	25

Push-in Cross Connection

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
D_NS 8x10, SLF-P2 W , DG 10/8, SLF-P1 W	

Package Quantity
60 pcs.

Color

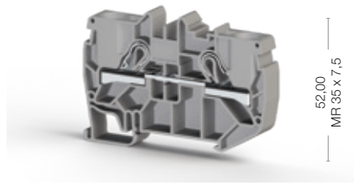
Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Practical Spring Clamp Terminals

PYK 10

Width: 10 mm

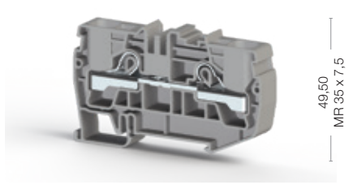


Cat No:

307 139
307 130

PYK 16

Width: 12 mm



Cat No:

307 659
307 650

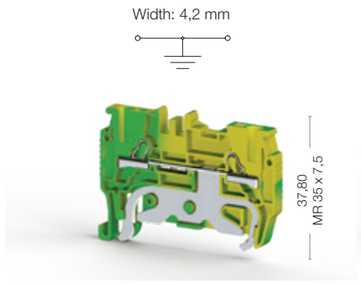
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	
CE (EN 60947-7-1)	800	57	10 mm²	1000	76	16 mm²	
UL	600	55	AWG 20-6				
VDE (IEC 60947-7-1)							
CSA							
ATEX	800	50					
Connection Data							
Conductor cross section solid (min-max.)	0,5-16 mm²			0,5-25 mm²			
Conductor cross section stranded (min.-max.)	0,5-10 mm²			0,5-16 mm²			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	4 mm²			4 mm²			
AWG Conductor	AWG 20-6			AWG 20-4			
Insulation Stripping Length (min.-max.)	13-15 mm			16-18 mm			
Screwdriver	KT 4 (0,8x4,0)			KT 4 (0,8x4,0)			
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	
	NPP/PYK 10	446 479	50	NPP/PYK 16	450 419	25	
Partition Plate	**Type**	**Cat.No.**	**Qty.**				
	APP PYK 10	463 200	25				
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	
	UK 10/2	476 252	25	UK 16/2	470 142	25	
	UK 10/3	476 253	20	UK 16/3	470 143	20	
	UK 10/4	476 254	15	UK 16/4	470 144	15	
	UK 10/10	476 259	5	UK 16/5	470 145	10	
Technical Data							
Rated Impulse Voltage / Pollution severity	8/3			8/3			
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6			1/B7			
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
See pages 326-333 for a list of Dekafix	D_NS 10x10, SLF-P2 W, DG 10/10, SLF-P1 W			D_NS 12x10, DG 10/10, SLF-P1 W			
Package Quantity							
	50 pcs.			30 pcs.			

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Practical Spring Clamp Earth Terminals

PYK 1,5 MT

Width: 4,2 mm

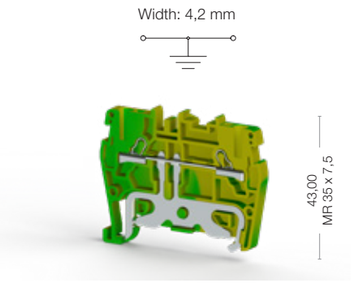


Cat No:

336 440

PYK 1,5 T

Width: 4,2 mm

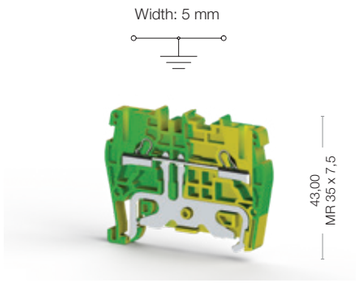


Cat No:

336 490

PYK 2,5 T

Width: 5 mm

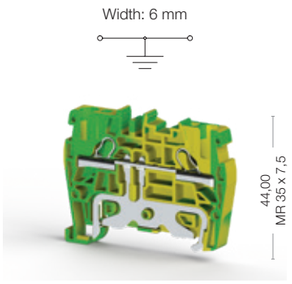


Cat No:

336 500

PYK 4 T

Width: 6 mm



Cat No:

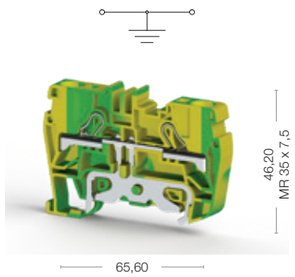
336 510

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			1,5 mm²			1,5 mm²				2,5 mm²			4 mm²
UL										AWG 22-12			AWG 22-10
VDE (IEC 60947-7-2)										2,5 mm²			4 mm²
CSA													
ATEX								800			800		
Connection Data													
Conductor cross section solid (min-max.)	0,34-2,5 mm²			0,34-2,5 mm²				0,34-4 mm²			0,34-6 mm²		
Conductor cross section stranded (min.-max.)	0,34-1,5 mm²			0,34-1,5 mm²				0,34-2,5 mm²			0,25-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²			1 mm²		
AWG Conductor	AWG 22-14			AWG 22-14				AWG 22-12			AWG 22-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm			9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)				KT 1 (0,4x2,5)			KT 2 (0,5x3,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PYK 1,5 MT	446 632 T	100	NPP/PYK 1,5 T	446 442 T	10		NPP/PYK 2,5 T	446 442 T	10	NPP/PYK 4 T	446 452 T	10
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1			1/A1-B1				1/A3			1/A4		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 4,2x6, DB 6/4, SLF-P1 W			D_NS 4,2x6, DB 6/4, SLF-P1 W				D_NS 5x10, SLF-P2 W , DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 6x10, SLF-P2 W , DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		
Package Quantity													
	100 pcs.			100 pcs.				50 pcs.			50 pcs.		

Practical Spring Clamp Earth Terminals

PYK 6 T

Width: 8 mm



Cat No:

336 520

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			6 mm²
UL	600		AWG 20-8
VDE (IEC 60947-7-2)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-10 mm²
Conductor cross section stranded (min.-max.)	0,5-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,5 mm²
AWG Conductor	AWG 20-8
Insulation Stripping Length (min.-max.)	11-13 mm
Screwdriver	KT 3 (0,6x3,5)

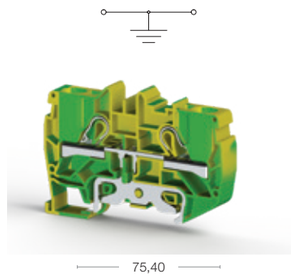
End Plate	Type	Cat.No.	Qty.
	NPP/PYK 6 T	446 462 T	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 8x10, SLF-P2 W, DG 10/8, SLF-P1 W

Package Quantity
60 pcs.

PYK 10 T

Width: 10 mm



Cat No:

336 530

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			10 mm²
UL	600		AWG 20-6
VDE (IEC 60947-7-2)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-16 mm²
Conductor cross section stranded (min.-max.)	0,5-10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	4 mm²
AWG Conductor	AWG 20-6
Insulation Stripping Length (min.-max.)	13-15 mm
Screwdriver	KT 4 (0,8x4,0)

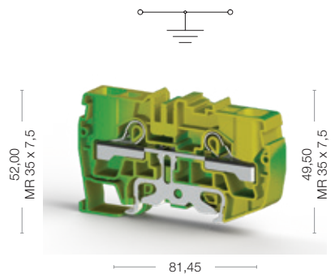
End Plate	Type	Cat.No.	Qty.
	NPP/PYK 10 T	446 472 T	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, SLF-P2 W, DG 10/10, SLF-P1 W

Package Quantity
25 pcs.

PYK 16 T

Width: 12 mm



Cat No:

336 640

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			16 mm²
UL			
VDE (IEC 60947-7-2)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,5-25 mm²
Conductor cross section stranded (min.-max.)	0,5-16 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	4 mm²
AWG Conductor	AWG 20-4
Insulation Stripping Length (min.-max.)	16-18 mm
Screwdriver	KT 4 (0,8x4,0)

End Plate	Type	Cat.No.	Qty.
	NPP/PYK 16 T	450 412 T	25

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B7
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 12x10, DG 10/10, SLF-P1 W

Package Quantity
30 pcs.

PYK Test

Width: 5 mm



Cat No:

498 559
498 550

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)	250	17,5	1,5 mm²
UL	300	15	AWG 22-14
VDE (IEC 60947-7-2)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,34-2,5 mm²
Conductor cross section stranded (min.-max.)	0,34-1,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-14
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate	Type	Cat.No.	Qty.
	PYK TEST A	498 659	25

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1
Protection class / Protection conductor type	IP 20 / -

Package Quantity
25 pcs.

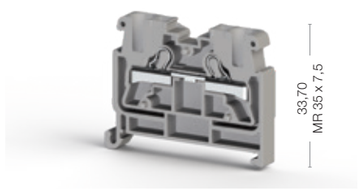
Used for Terminals	
307 109	PYK 2,5
307 119	PYK 4
307 229	PYK 4 E
307 169	PYK 2,5 A
307 219	PYK 2,5 CCA
307 389	PYK 2,5 C
307439	PYK 2,5 E
304 200	AVK 2,5 RD
304 210	AVK 4 RD

PYK test terminals, which minimize the time needed for test and control connections, can be marked with Standard marking tags and thermal printer labels. PYK test terminals, being as a group together, Terminals can be used with PYK 2,5 terminals. When PYK Test A plates are added to Test terminals, the Terminals can be used with PYK 4 terminals.

PYKMR Series Mini Terminals

PYKMR 2,5

Width: 5 mm



Cat No:

307 499
307 490

PYKM 2,5

Width: 5 mm

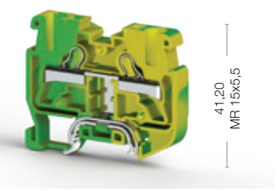


Cat No:

307 399
307 390

PYKM 2,5 T

Width: 5 mm



Cat No:

336 430

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm²
UL			AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,34-4 mm²
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate	Type	Cat.No.	Qty.
Grey	NPP1 PYKMR 2,5	446 589	100
Grey	NPP2 PYKMR 2,5	446 599	100
Yellow- Green			
Yellow- Green			

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm²
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,34-4 mm²
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate	Type	Cat.No.	Qty.
Grey	NPP1 PYKM 2,5	446 589	100
Grey	NPP2 PYKM 2,5	446 599	100
Yellow- Green			
Yellow- Green			

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)			2,5 mm²
UL			AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

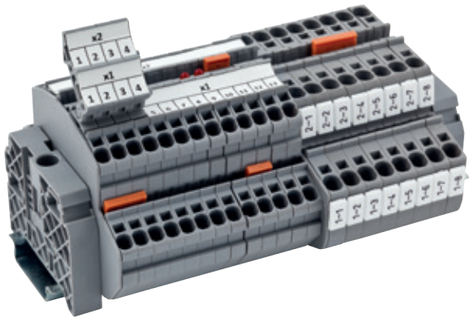
Connection Data	
Conductor cross section solid (min-max.)	0,34-4 mm²
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate	Type	Cat.No.	Qty.
NPP1 PYKM 2,5T	446 582 T	25	
NPP2 PYKM 2,5T	446 592 T	25	

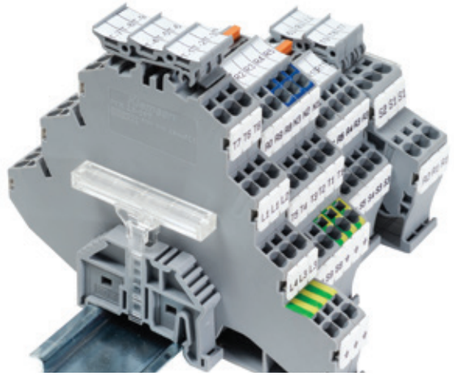
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W

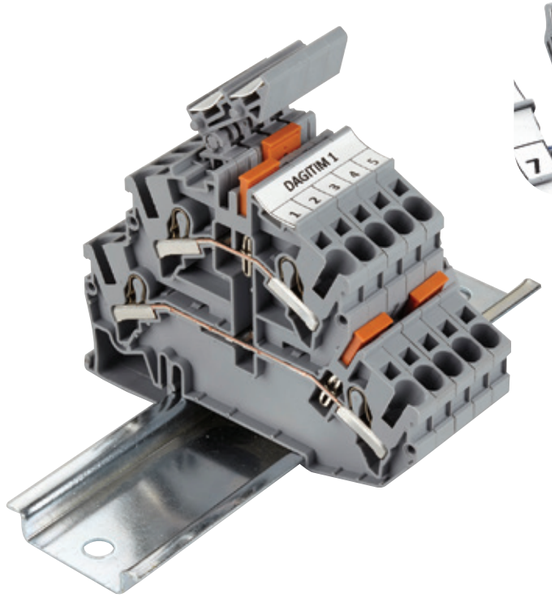
Package Quantity
50 pcs.

PYK Series Multilevel Rail Terminals

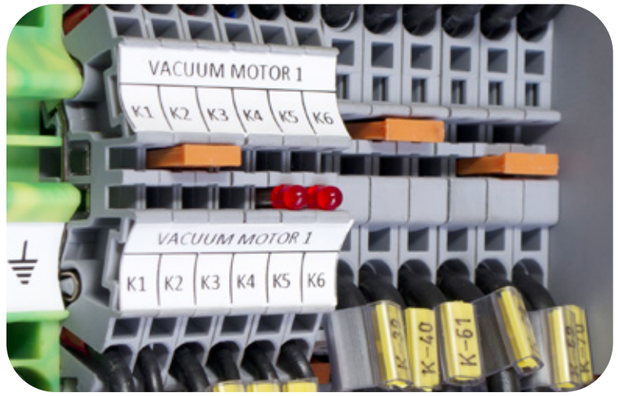


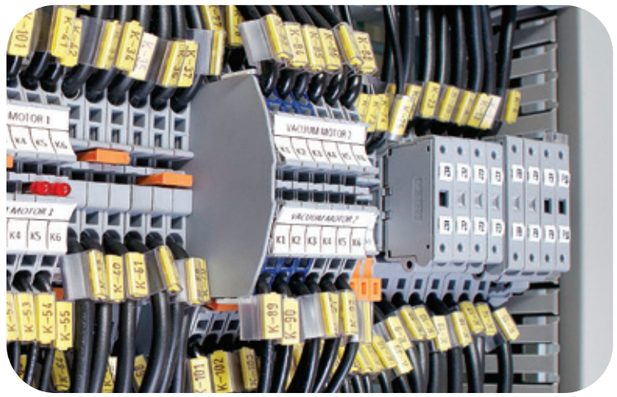
Double Deck Practical Spring Terminals are available in 2,5 - 4 mm cross section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both layers. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

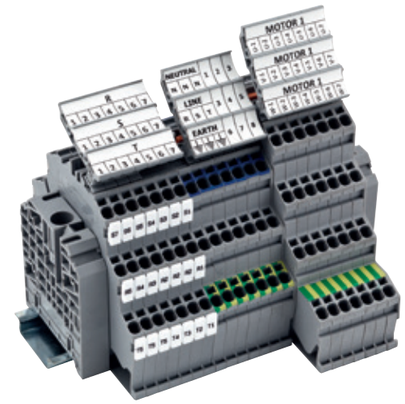










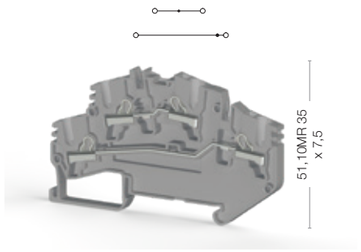


Multilevel Practical Spring Terminals make wiring more practical, reduce the installation costs and speed the wiring. Panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

Double - Deck Practical Spring Clamp Line Type Terminals

PYK 2,5 - M2F

Width: 5 mm

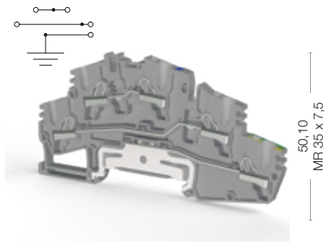


Cat No:

307 699
307 690

PYK 2,5 - M2FT

Width: 5 mm

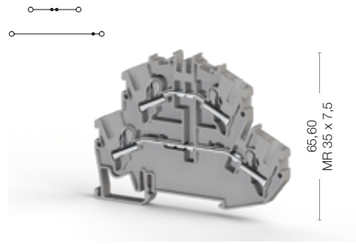


Cat No:

307 709
307 700

PYK 4 - 2 FN

Width: 6 mm

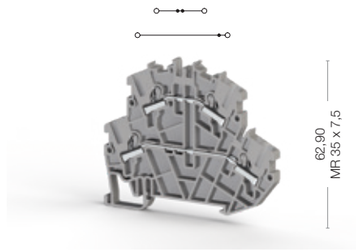


Cat No:

307 579
307 570

PYK 2,5 - 2 F

Width: 5 mm

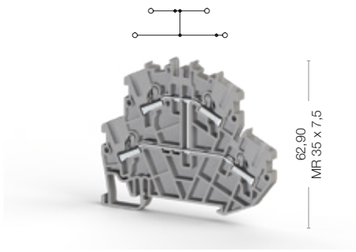


Cat No:

307 179
307 170

PYK 2,5 - 2 FK

Width: 5 mm



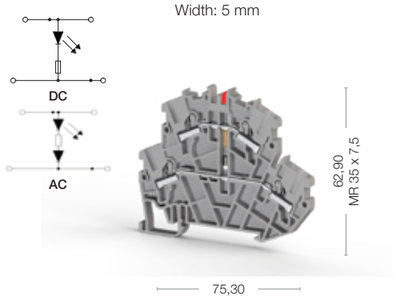
Cat No:

307 239
307 230

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	24	2,5 mm²	250	24	2,5 mm²	500	32	4 mm²	500	24	2,5 mm²	500	24	2,5 mm²
UL										300	20	AWG 22-12	300	20	AWG 20-12
VDE (IEC 60947-7-1)															
CSA															
ATEX										500	21				
Connection Data															
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²			0,34-6 mm²			0,34-4 mm²			0,34-4 mm²		
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²			0,25-4 mm²			0,34-2,5 mm²			0,34-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			1 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 22-12			AWG 22-12			AWG 22-10			AWG 22-12			AWG 22-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 2 (0,5x3,0)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP PYK 2,5-M2F	450 439	10	NPP PYK 2,5-M2FT	450 429	30	NPP PYK 4-2 FN	446 669	25	NPP PYK 2,5-2 F	446 519	10	NPP PYK 2,5-2 FK	446 519	10
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 4/2	476 232	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5
Technical Data															
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A4			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG, 10/5T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		
Package Quantity															
	30 pcs.			30 pcs.			25 pcs.			40 pcs.			40 pcs.		

Double - Deck Practical Spring Clamp Terminals

PYK 2,5 - 2 FLD

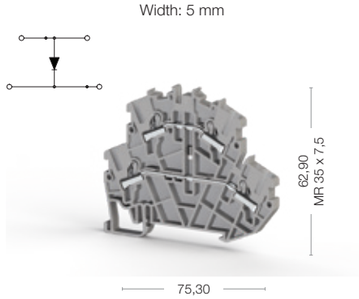


Width: 5 mm

Cat No:

307 349
307 340

PYK 2,5 - 2 FD A

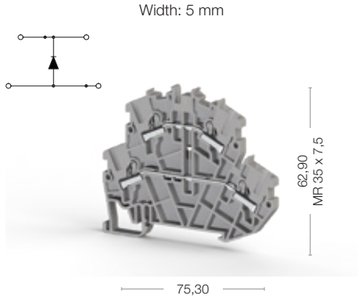


Width: 5 mm

Cat No:

307 369
307 360

PYK 2,5 - 2 FD B



Width: 5 mm

Cat No:

307 379
307 370

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)		24	2,5 mm²	500	0,5	2,5 mm²		500	0,5	2,5 mm²
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²				0,34-4 mm²		
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²				0,34-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²		
AWG Conductor	AWG 22-12			AWG 22-12				AWG 22-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)				KT 1 (0,4x2,5)		

Ordering Data	Type	Cat.No.	Qty.							
	24V DC	307 349	40							
	220V AC	307 359	40							

Technical Data For Diode										
Diode Voltage				1000 V				1000 V		
Diode Current				1 A				1 A		
Diod				1 N 4007				1 N 4007		

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP PYK 2,5-2 FLD	446 519	10	NPP PYK 2,5-2 F	446 519	10		NPP PYK 2,5-2 F	446 519	10

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25		UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20		UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15		UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5		UK 2,5/10	476 229	5

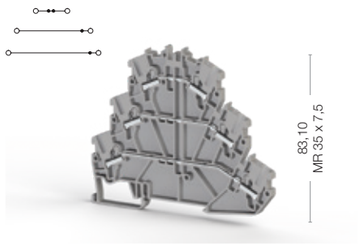
Technical Data										
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W				D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		

Package Quantity										
	40 pcs.			40 pcs.				40 pcs.		

Multilevel Practical Spring Clamp Terminals

PYK 2,5 - 3 F

Width: 5 mm

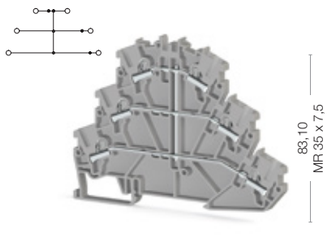


Cat No:

307 199
307 190

PYK 2,5 - 3 FK

Width: 5 mm

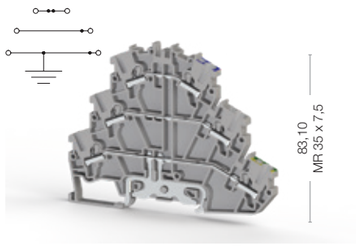


Cat No:

307 559
307 550

PYK 2,5 - 2 FT

Width: 5 mm

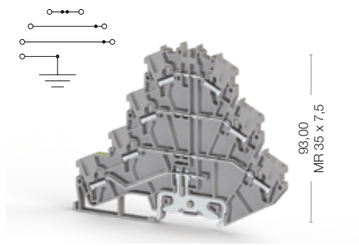


Cat No:

307 189
307 180

PYK 2,5 - 3 FT

Width: 5 mm



Cat No:

307 209
307 200

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²
UL	300	20	AWG 22-12				300	20	AWG 22-12	300	20	AWG 22-12
VDE (IEC 60947-7-1)												
CSA												
ATEX	500	18					500	21		400	18	
Connection Data												
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²			0,34-4 mm²			0,34-4 mm²		
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 22-12			AWG 22-12			AWG 22-12			AWG 22-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
NPP PYK 2,5-3 F	446 529	10	NPP PYK 2,5-3 FK	446 529	10	NPP PYK 2,5-2 FT	446 529	10	NPP PYK 2,5-3 FT	446 539	30

Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5

Technical Data								
Rated Impulse Voltage / Pollution severity	6/3	6/3	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -	IP 20 / -	IP 20 / -
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity				
	30 pcs.	30 pcs.	30 pcs.	30 pcs.

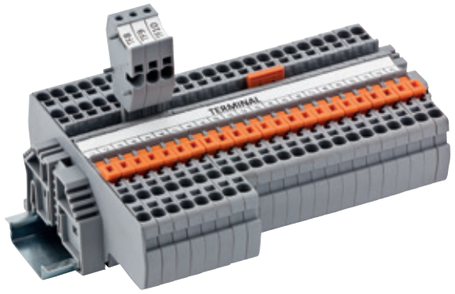
PYK Series Sensor / Fuse and Disconnect / Disconnect Terminals



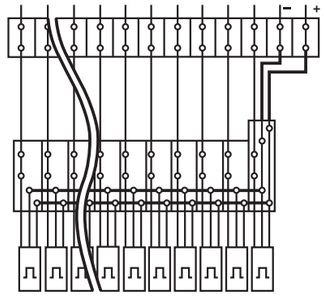
Practical Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for catridge type glass fuse of size Ø 5x20 or Ø 5x25. Both sides of the terminals are closed and available for cross connection. Special Marking solutions can be provided by Plotter Labeling.

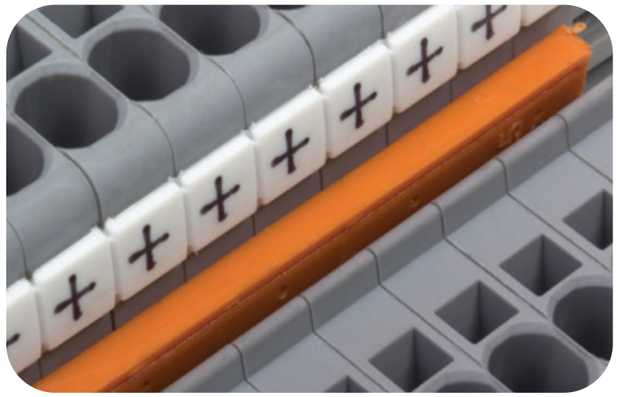


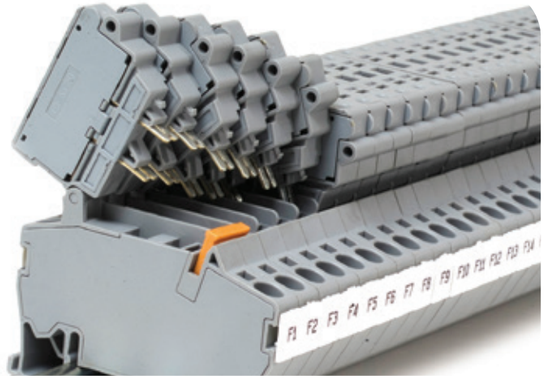


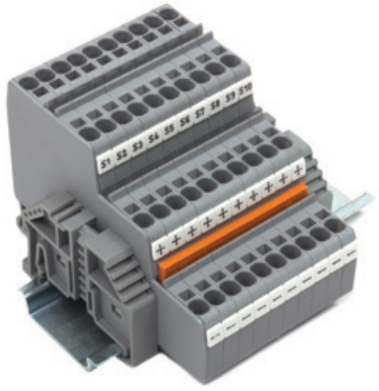


PYK series Disconnect Terminals enables to safely open-close the circuit , when the energy is on in the system. Can be marked with Thermal marking strip and cross-connected together with all other single-level terminals. Special Marking solutions can be provided by Thermal Printing and Plotter Labeling.







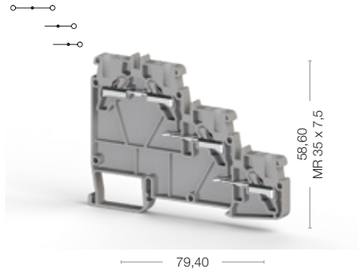


Practical Spring Terminals are making sensor connections, which are often used in industry, more practical and esthetic. All PYK series with single layer are available with marking strip printed on Thermal printer, using Klemark Software. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

Practical Spring Clamp Sensor Terminals

PYK 3 S

Width: 5 mm

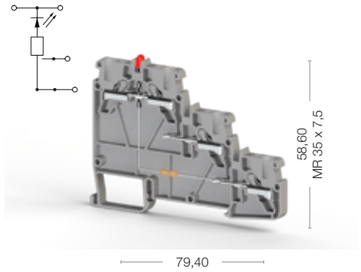


Cat No:

307 409
307 400

PYK 3 SLD (NPN)

Width: 5 mm

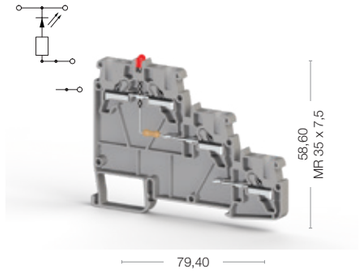


Cat No:

307 419
307 410

PYK 3 SLD (PNP)

Width: 5 mm



Cat No:

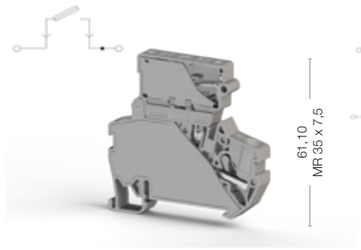
307 429
307 420

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	24	2,5 mm²	24	24	2,5 mm²		24	24	2,5 mm²
UL	300	20	AWG 22-12							
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²				0,34-4 mm²		
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²				0,34-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²		
AWG Conductor	AWG 22-12			AWG 22-12				AWG 22-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)				KT 1 (0,4x2,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	NPP PYK 3 S	446 609	10	NPP PYK 3 S	446 609	10		NPP PYK 3 S	446 609	10
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25		UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20		UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15		UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5		UK 2,5/10	476 229	5
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T				D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity										
	20 pcs.			20 pcs.				20 pcs.		

Practical Spring Clamp Fuse and Disconnect Terminals

PYK 4 S

Width: 8 mm

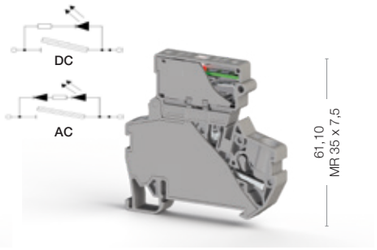


Cat No:

307 249
307 240

PYK 4 SLD

Width: 8 mm

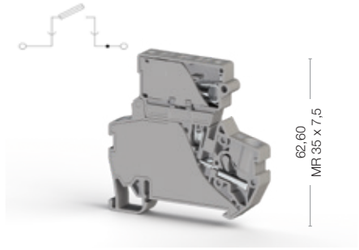


Cat No:

307 259
307 250

PYK 4 I

Width: 8 mm

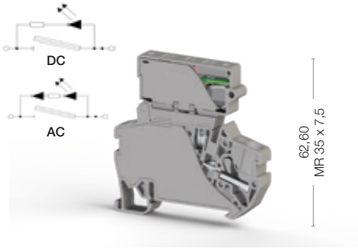


Cat No:

307 319
307 310

PYK 4 ILD

Width: 8 mm



Cat No:

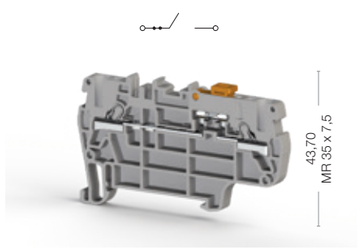
307 329
307 320

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm²		10	4 mm²	500	10	4 mm²		10	4 mm²
UL	300	10	AWG 22-10		10	AWG 22-10	300	10	AWG 22-10		10	AWG 22-10
VDE (IEC 60947-7-3)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,34-6 mm²			0,34-6 mm²			0,34-6 mm²			0,34-6 mm²		
Conductor cross section stranded (min.-max.)	0,25-4 mm²			0,25-4 mm²			0,25-4 mm²			0,25-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²			1 mm²			1 mm²		
AWG Conductor	AWG 22-10			AWG 22-10			AWG 22-10			AWG 22-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		
Ordering Data	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**
	PYK 4 S (5x20)	307 249	15	PYK 4 SLD (5x20)	307 259 (24V DC)	15				PYK 4 ILD	307 329 (24V DC)	15
	PYK 4 S (5x20)	307 240	15	PYK 4 SLD (5x20)	307 269 (220V AC)	15				PYK 4 ILD	307 339 (220V AC)	15
	PYK 4 S (5x25)	307 289	15	PYK 4 SLD (5x25)	307 299 (24V DC)	15						
	PYK 4 S (5x25)	307 280	15	PYK 4 SLD (5x25)	307 309 (220V AC)	15						
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25
	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20
	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15
	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20-5x25			G/5x20-5x25			G/6,35x31,75			G/6,35x31,75		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8		
Package Quantity												
	15 pcs.			15 pcs.			15 pcs.			15 pcs.		

Practical Spring Clamp Fuse and Disconnect Terminals

PYK 2,5 A

Width: 5 mm

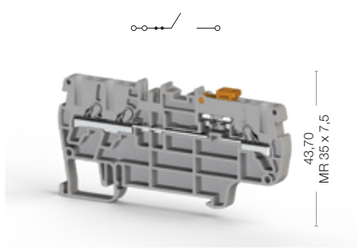


Cat No:

307 169
307 160

PYK 2,5 EA

Width: 5 mm

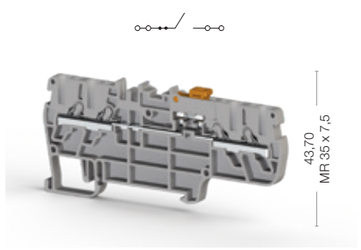


Cat No:

307 459
307 450

PYK 2,5 CCA

Width: 5 mm



Cat No:

307 219
307 210

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	20	2,5 mm²	400	16	2,5 mm²	400	16	2,5 mm²
UL	300	16	AWG 22-12				300	10	AWG 22-12
VDE (IEC 60947-7-1)									
CSA									
ATEX									

Connection Data								
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²			0,34-4 mm²	
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²	
AWG Conductor	AWG 22-12			AWG 22-12			AWG 22-12	
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm	
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)	

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
NPP/PYK 2,5 A	446 509	100	NPP/PYK 2,5 EA	446 629	100	NPP/PYK 2,5 CCA	446 549	100

Push-in Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5

Technical Data			
Rated Impulse Voltage / Pollution severity	4/3	4/3	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -	IP 20 / -
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity			
	50 pcs.	60 pcs.	60 pcs.

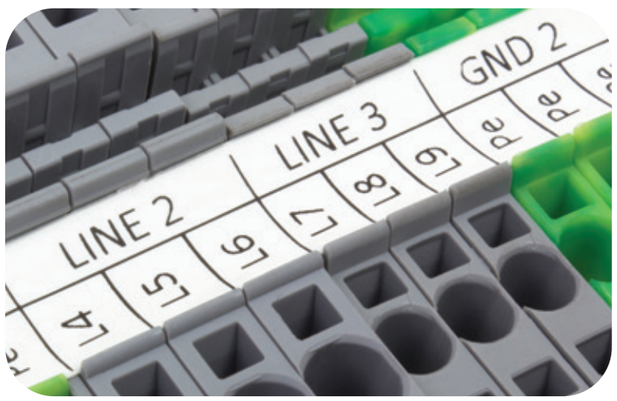
PYK Series Multi input/output Terminals

PYK Series One Input - Two Output
Two Input - Two Output Terminals



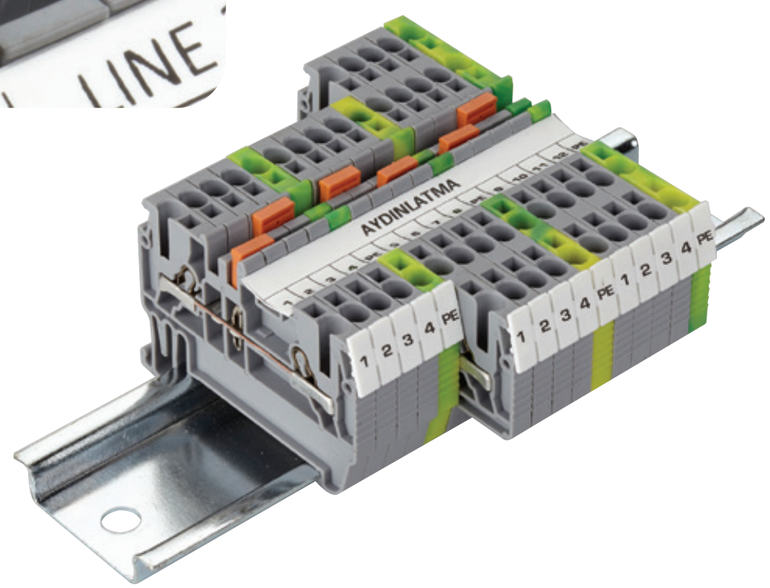
PYK Series Multi Input/Output Terminals make wiring more practical,reduce the installation costs where double and multilevel terminals cannot be used in the panels. Marking is available with all single layer PYK type terminals,Terminals can be used with test terminals and cross connection is available.Have same features in Earth terminals with same cross sections. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.







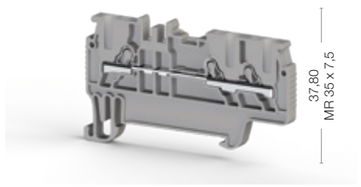




PYK Series
One Input - Two Output
Two Input - Two Output
Terminals

PYK 1,5 ME

Width: 4,2 mm

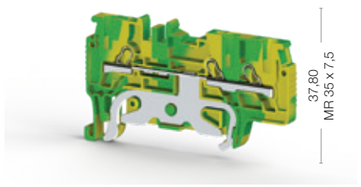


Cat No:

307 039
307 030

PYK 1,5 MET

Width: 4,2 mm

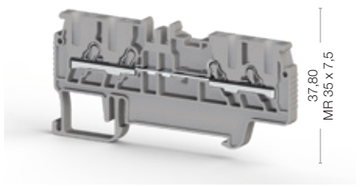


Cat No:

336 460

PYK 1,5 MC

Width: 4,2 mm

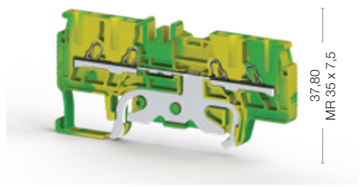


Cat No:

307 029
307 020

PYK 1,5 MCT

Width: 4,2 mm



Cat No:

336 450

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	800	17,5	1,5 mm²			1,5 mm²	800	17,5	1,5 mm²			1,5 mm²
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²		
Conductor cross section stranded (min.-max.)	0,34-1,5 mm²			0,34-1,5 mm²			0,34-1,5 mm²			0,34-1,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 22-14			AWG 22-14			AWG 22-14			AWG 22-14		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PYK 1,5 ME	446 649	100	NPP/PYK 1,5 MET	446 642T	100	NPP/PYK 1,5 MC	446 659	100	NPP/PYK 1,5 MCT	446 652T	100
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**			
	UK 1,5/2	476 602	25				UK 1,5/2	476 602	25			
	UK 1,5/3	476 603	20				UK 1,5/3	476 603	20			
	UK 1,5/4	476 604	15				UK 1,5/4	476 604	15			
	UK 1,5/10	476 609	5				UK 1,5/10	476 609	5			
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1			1/A1-B1			1/A1-B1			1/A1-B1		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 4,2x6, DB 6/4			D_NS 4,2x6, DB 6/4			D_NS 4,2x6, DB 6/4			D_NS 4,2x6, DB 6/4		
Package Quantity												
	70 pcs.			70 pcs.			70 pcs.			70 pcs.		

PYK Series
One Input - Two Output
Two Input - Two Output
Terminals

PYK 2,5 E

Width: 5 mm



Cat No:

307 439
307 430

PYK 2,5 ET

Width: 5 mm



Cat No:

336 550

PYK 2,5 C

Width: 5 mm

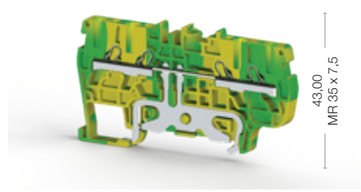


Cat No:

307 389
307 380

PYK 2,5 CT

Width: 5 mm



Cat No:

336 540

PYK 4 E

Width: 6 mm



Cat No:

307 229
307 220

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	800	24	2,5 mm²			2,5 mm²	800	24	2,5 mm²			2,5 mm²	800	32	4 mm²
UL	600	20	AWG 22-12			AWG 22-12	600	20	AWG 22-12			AWG 22-12	600	30	AWG 22-12
VDE (IEC 60947-7-1)															
CSA															
ATEX													800	30	
Connection Data															
Conductor cross section solid (min-max.)	0,34-4 mm²			0,34-4 mm²			0,34-4 mm²			0,34-4 mm²			0,34-6 mm²		
Conductor cross section stranded (min.-max.)	0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²			0,34-2,5 mm²			0,25-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²			1 mm²		
AWG Conductor	AWG 22-12			AWG 22-12			AWG 22-12			AWG 22-12			AWG 22-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 2 (0,5x3,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PYK 2,5 E	446 619	10	NPP/PYK 2,5 ET	446 612T	10	NPP/PYK 2,5 C	446 499	10	NPP/PYK 2,5 CT	446 492T	10	NPP/PYK 4 E	446 559	50
Test Terminal Block	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	PYK TEST	498 559	25				PYK TEST	498 559	25				PYK TEST	498 559	25
													PYK TEST A	498 659	25
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**
	UK 2,5/2	476 222	25				UK 2,5/2	476 222	25				UK 4/2	476 232	25
	UK 2,5/3	476 223	20				UK 2,5/3	476 223	20				UK 4/3	476 233	20
	UK 2,5/4	476 224	15				UK 2,5/4	476 224	15				UK 4/4	476 234	15
	UK 2,5/10	476 229	5				UK 2,5/10	476 229	5				UK 4/10	476 239	5
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W			D_NS 6x10,SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		
Package Quantity															
	50 pcs.			50 pcs.			50 pcs.			50 pcs.			50 pcs.		

PYK Series
One input - Two Output
Two input - Two Output
Spring Clamp Terminals

PYK 4 ET

Width: 6 mm

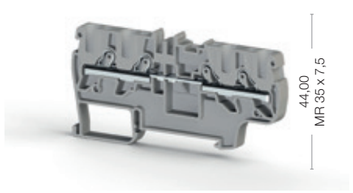


Cat No:

336 600

PYK 4 C

Width: 6 mm



Cat No:

307 669
307 660

PYK 4 CT

Width: 6 mm



Cat No:

336 610

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)			4 mm²	1000	32	4 mm²				4 mm²
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,34-6 mm²			0,34-6 mm²				0,34-6 mm²		
Conductor cross section stranded (min.-max.)	0,25-4 mm²			0,25-4 mm²				0,25-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²				1 mm²		
AWG Conductor	AWG 22-10			AWG 22-10				AWG 22-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)				KT 2 (0,5x3,0)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
NPP/PYK 4 ET	446 552T	50	NPP/PYK 4C	446 679	25		NPP/PYK 4 CT	446 672T	25

Test Terminal Block



Type	Cat.No.	Qty.
PYK TEST	498 559	25
PYK TEST A	498 659	25

Push-in Cross Connection



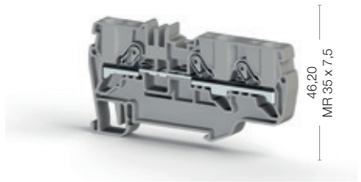
Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4				1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		
Package Quantity										
	50 pcs.			45 pcs.				45 pcs.		

PYK Series
One input - Two Output
Two input - Two Output
Spring Clamp Terminals

PYK 6 E

Width: 8 mm

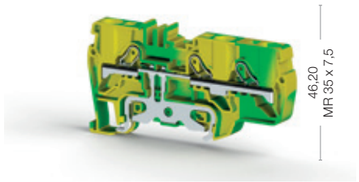


Cat No:

307 639
307 630

PYK 6 ET

Width: 8 mm

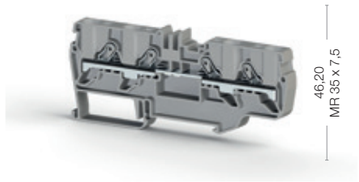


Cat No:

336 620

PYK 6 C

Width: 8 mm

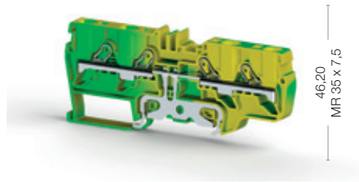


Cat No:

307 649
307 640

PYK 6 CT

Width: 8 mm

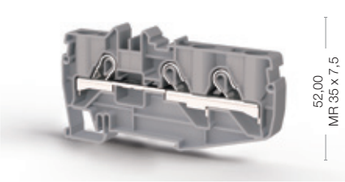


Cat No:

336 630

PYK 10 E

Width: 10 mm



Cat No:

307 149
307 140

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	1000	41	6 mm²			6 mm²	1000	41	6 mm²			6 mm²	800	57	10 mm²
UL															
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	0,5-10 mm²			0,5-10 mm²			0,5-10 mm²			0,5-10 mm²			0,5-16 mm²		
Conductor cross section stranded (min.-max.)	0,5-6 mm²			0,5-6 mm²			0,5-6 mm²			0,5-6 mm²			0,5-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,5 mm²			1,5 mm²			1,5 mm²			1,5 mm²			4 mm²		
AWG Conductor	AWG 20-8			AWG 20-8			AWG 20-8			AWG 20-8			AWG 20-6		
Insulation Stripping Length (min.-max.)	11-13 mm			11-13 mm			11-13 mm			11-13 mm			13-15 mm		
Screwdriver	KT 3 (0,6x3,5)			KT 3 (0,6x3,5)			KT 3 (0,6x3,5)			KT 3 (0,6x3,5)			KT 4 (0,8x4,0)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
NPP/PYK 6 E	446 689	25	NPP/PYK 6 ET	446 682T	25	NPP/PYK 6 C	446 699	25	NPP/PYK 6 CT	446 692T	25	NPP/PYK 10E	446 709	25

Test Terminal Block



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
PYK TEST	498 559	25	PYK TEST	498 559	25									

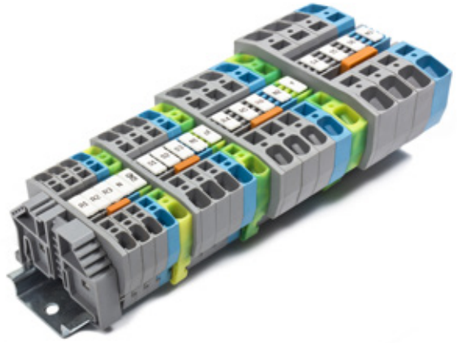
Push-in Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25				UK 10/2	476 252	25
UK 6/3	476 243	10	UK 6/3	476 243	10	UK 6/3	476 243	10				UK 10/3	476 253	20
UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15				UK 10/4	476 254	15
UK 6/9	476 249	5	UK 6/9	476 249	5	UK 6/9	476 249	5				UK 10/10	476 259	5

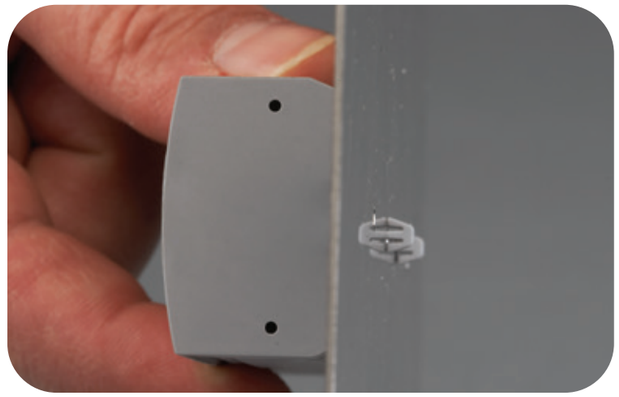
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5			1/A5			1/A5			1/A5			1/B7		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W			D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W			D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W			D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W			D_NS 10x10, DG 10/10, SLF-P1 W		
Package Quantity															
	45 pcs.			45 pcs.			35 pcs.			35 pcs.			50 pcs.		

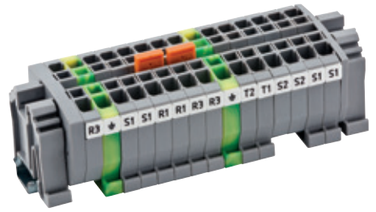
YBK Series Spring Clamp Terminals



YBK Series Spring Clamp Terminals provide 2,5 ….. 10 mm² cross-section range. . Are suitable for usage with or without ferrules. So that to make connection, it is enough to release the spring with the help of screw-driver and then to push the cable into the terminal, Terminals accessories like End Plates and Cross Connections, make the mounting process faster like in Test Terminals. Special Marking solutions for each cross section can be provided by Plotter.

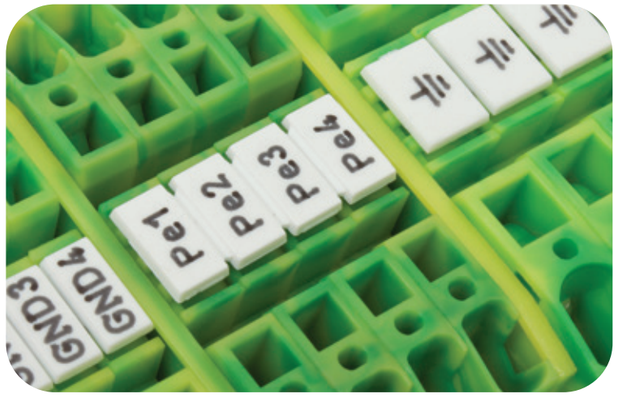


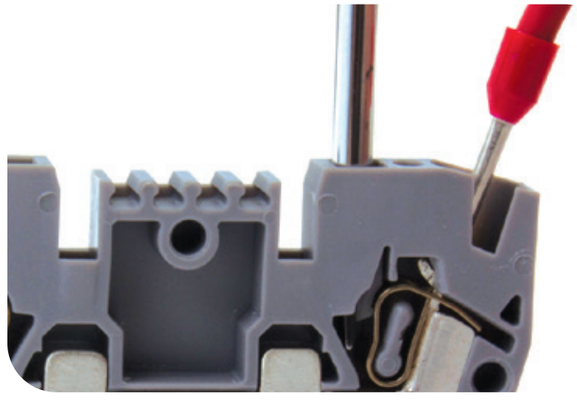




MYK Type Mini Terminals are available in 2,5 mm² cross-section. Can be mounted on MR 15x5,5 mm DIN-rail or directly on a flat surface. Earth Terminals, accessories, suitable for each usage, like End Plates and Cross Connections, make the mounting process faster. Marking solutions can be provided by Plotter. MYK series offer ideal solutions to projects which have narrow and limited space in panels, junction Boxes.









YBK Series Earth Terminals provides new design, which will satisfy customer tastes. YBK series provide non-corrosing contacts. The main difference between Spring Clamp Earth terminals and the Screw Connection Earth terminals is the automatic contact when the terminal blocks are attached on the DIN-rail, which makes wiring more practical and time-saving.

YBK Spring Clamp Terminals

YBK 2,5

Width: 5 mm



Cat No:

306 229
306 220

YBK 4

Width: 6 mm

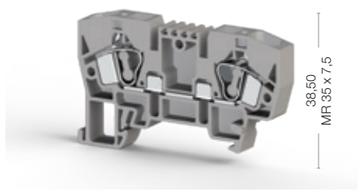


Cat No:

306 239
306 230

YBK 6

Width: 8 mm

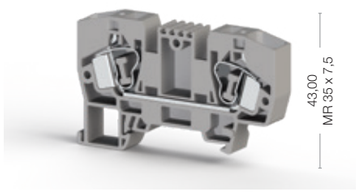


Cat No:

306 249
306 240

YBK 10

Width: 10 mm



Cat No:

306 259
306 250

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²	750	32	4 mm²	750	41	6 mm²	750	57	10 mm²
UL	600	20	AWG 22-12	600	26	AWG 22-10	600	35	AWG 22-8	600	55	AWG 20-6
VDE (IEC 60947-7-1)												
CSA												
ATEX												

Connection Data												
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-6 mm²			0,2-10 mm²			0,2-16 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-4 mm²			0,2-6 mm²			0,2-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			1 mm²			1,5 mm²			2,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-10			AWG 24-8			AWG 24-6		
Insulation Stripping Length (min.-max.)	9-10 mm			10-12 mm			10-12 mm			11-13 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 3 (0,6x3,5)			KT 4 (0,8x4,0)			KT 4 (0,8x4,0)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
NPP/YBK 2,5	446 329	100	NPP/YBK 4	446 339	100	NPP/YBK 6	446 349	100	NPP/YBK 10	446 359	100

Push-in Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 2,5/2	476 222	25	UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5

Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4			1/A5			1/A6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10		

Package Quantity												
	100 pcs.			100 pcs.			100 pcs.			50 pcs.		

Color

Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Color

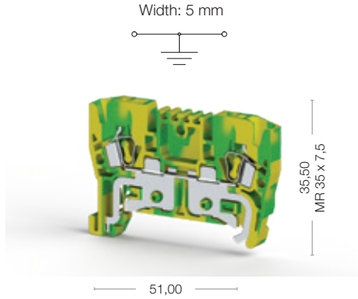
Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

YBK Spring Clamp Earth Terminals

YBK 2,5 T

Width: 5 mm

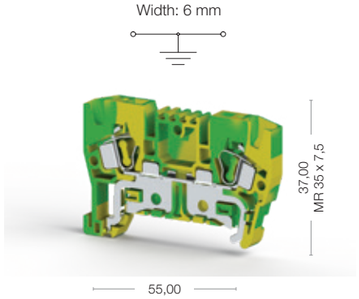


Cat No:

336 220

YBK 4 T

Width: 6 mm

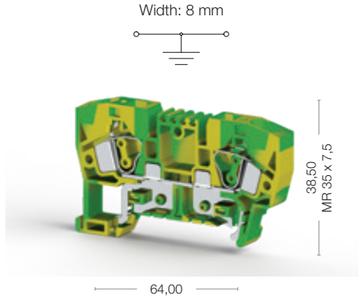


Cat No:

336 230

YBK 6 T

Width: 8 mm

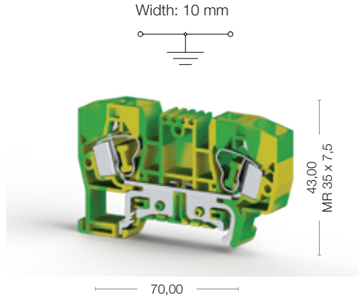


Cat No:

336 240

YBK 10 T

Width: 10 mm



Cat No:

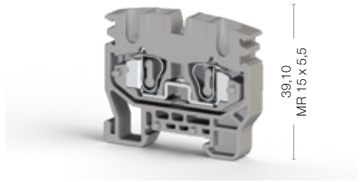
336 250

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5 mm²			4 mm²				6 mm²			10 mm²
UL			AWG 22-12			AWG 22-10				AWG 22-8			AWG 20-6
VDE (IEC 60947-7-2)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-6 mm²				0,2-10 mm²			0,2-16 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-4 mm²				0,2-6 mm²			0,2-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			1 mm²				1,5 mm²			2,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-10				AWG 24-8			AWG 24-6		
Insulation Stripping Length (min.-max.)	9-10 mm			10-12 mm				10-12 mm			11-13 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 3 (0,6x3,5)				KT 4 (0,8x4,0)			KT 4 (0,8x4,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/YBK 2,5 T	446 322T	10	NPP/YBK 4 T	446 332T	10		NPP/YBK 6 T	446 342T	10	NPP/YBK 10 T	446 352T	10
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4				1/A5			1/A6		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T				D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10		
Package Quantity													
	50 pcs.			50 pcs.				40 pcs.			30 pcs.		

YBK Series Mini Terminals

MYK 2,5

Width: 5 mm

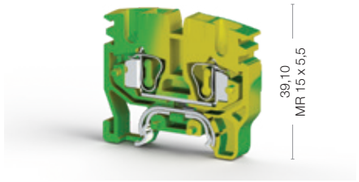


Cat No:

306 429
306 420

MYK 2,5 T

Width: 5 mm



Cat No:

336 420

MYPK 2,5

Width: 5 mm



Cat No:

306 439
306 430

MYSK 2,5

Width: 5 mm



Cat No:

306 449
306 440

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	750	24	2,5 mm²			2,5 mm²		750	24	2,5 mm²	750	24	2,5 mm²
UL	600	20	AWG 22-12			AWG 22-12		600	20	AWG 22-12	600	20	AWG 22-12
VDE (IEC 60947-7-1)													
CSA													
ATEX	500	18						500	18		500	18	
Connection Data													
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²			0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²				0,08-2,5 mm²			0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²			0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12				AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)				KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
NPP 1 MYK	446 429	100	NPP 1 MYK 2,5 T	446 422T	100		NPP MYPD 1	495 079	100	NPP MYK 1	446 429	100
NPP 2 MYK	446 439	100	NPP 2 MYK 2,5 T	446 432T	100		NPP MYPD 2	495 089	100	NPP MYK 2	446 439	100

Push-in Cross Connection



Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
UK 2,5/2	476 222	25				UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
UK 2,5/3	476 223	20				UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
UK 2,5/4	476 224	15				UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
UK 2,5/10	476 229	5				UK 2,5/10	476 229	5	UK 2,5/10	476 229	5
Technical Data											
Rated Impulse Voltage / Pollution severity	8/3		8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3		1/B3			1/B3			1/B3		
Protection class / Protection conductor type	IP 20 / -		IP 20 / PE			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)											
See pages 326-333 for a list of Dekafix	DB 5		DB 5			DB 5			DB 5		
Package Quantity											
	50 pcs.		50 pcs.			100 pcs.			100 pcs.		

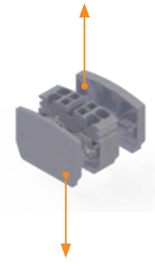
* For panel surface Mounting

* 3.5 mm (diameter) hole must be opened on panel surface.

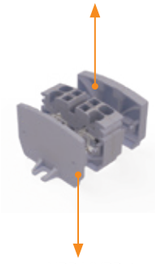
NPP MYK 2

NPP MYPD 2

NPP MYK 1



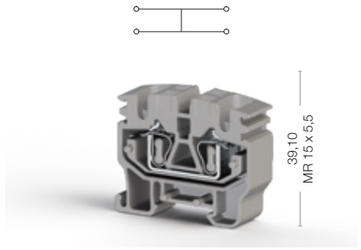
NPP MYPD 1



YBK Series Mini Terminals

MYK 2,5 C

Width: 10 mm

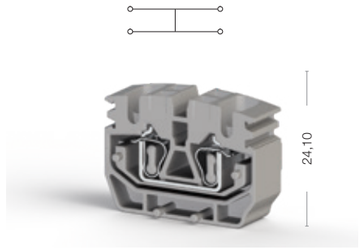


Cat No:

306 479
306 470

MYPK 2,5 C

Width: 10 mm

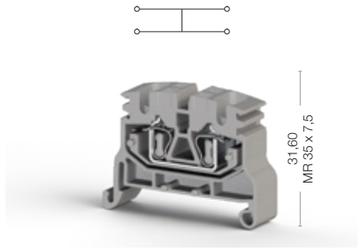


Cat No:

306 489
306 480

MYKR 2,5 C

Width: 10 mm

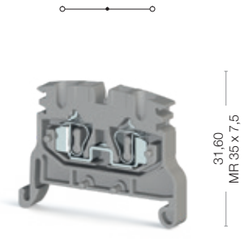


Cat No:

306 499
306 490

MYKR 2,5

Width: 5 mm



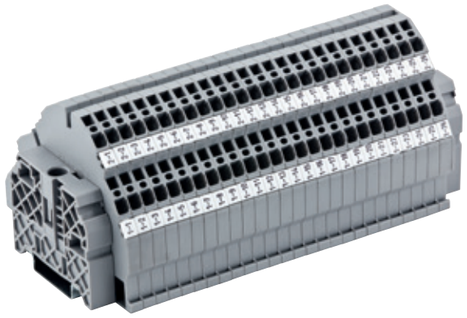
Cat No:

306 509
306 500

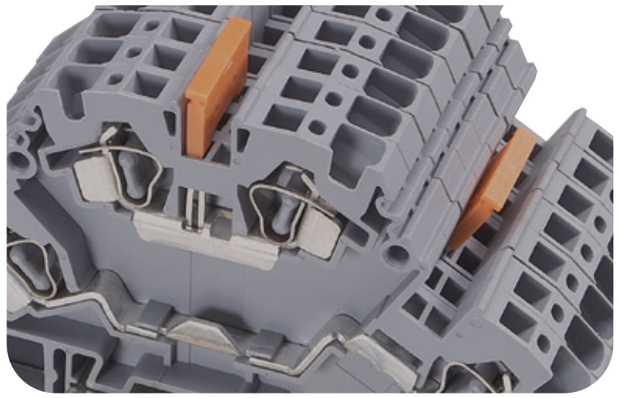
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	24	2,5 mm²	800	24	2,5 mm²		800	24	2,5 mm²	750	24	2,5 mm²
UL													
VDE (IEC 60947-7-1)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²			0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²				0,08-2,5 mm²			0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²			0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12				AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)				KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP 1 MYK 2,5C	446 429	100	NPP MYPD 1	495 079	100		NPP 1 MYK	446 429	100	NPP 1 MYK	446 429	100
	NPP 2 MYK 2,5C	446 439	100	NPP MYPD 2	495 089	100		NPP 2 MYK	446 439	100	NPP 2 MYK	446 439	100
Push-in Cross Connection											**Type**	**Cat.No.**	**Qty.**
											UK 2,5/2	476 222	25
											UK 2,5/3	476 223	20
											UK 2,5/4	476 224	15
											UK 2,5/10	476 229	5
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3			1/B3				1/B3			1/B3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	DB 5			DB 5				DB 5			DB 5		
Package Quantity													
	100 pcs.			100 pcs.				100 pcs.			50 pcs.		

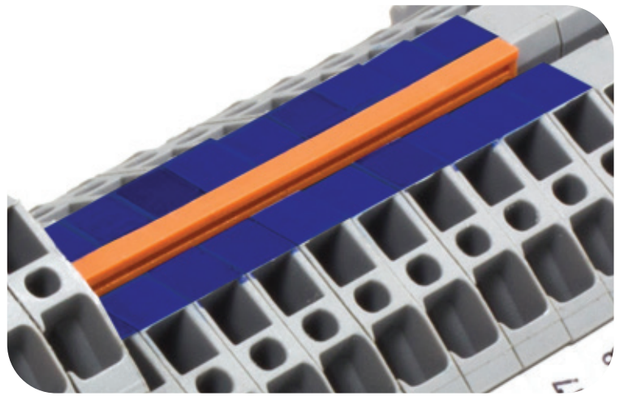
* For panel surface mounting

YBK Series Double - Deck / Multilevel Terminals



YBK Series Spring Clamp Double Deck Rail Terminals are available in 2,5 - 4 mm² cross-section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both levels. Special Marking solutions for each cross section can be provided by Plotter Labeling.

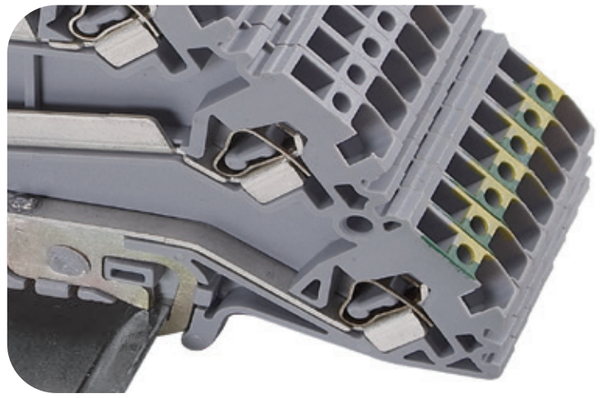






YBK Series Spring Clamp Multilevel Terminals make wiring more practical, reduce the installation costs and speed the wiring. Panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Plotter Labeling.

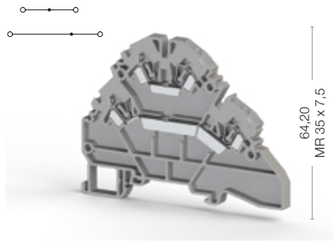




Double - Deck Spring Clamp Terminals

YBK 2,5 - 2 F

Width: 5 mm

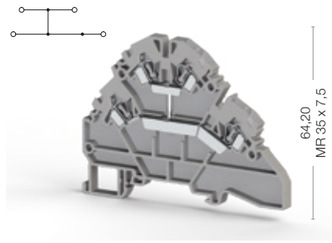


Cat No:

316 109
316 100

YBK 2,5 - 2 FK

Width: 5 mm

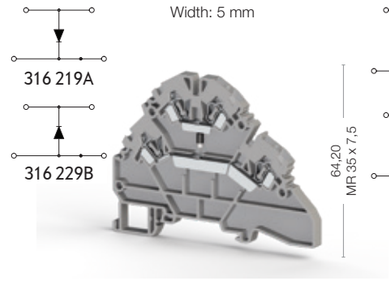


Cat No:

316 129
316 120

YBK 2,5 - 2 FD

Width: 5 mm

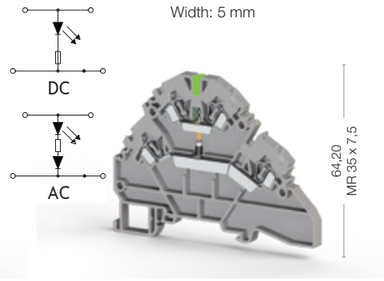


Cat No:

316 219 / 229
316 210 / 220

YBK 2,5 - 2 FLD

Width: 5 mm



Cat No:

316 319
316 310

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08-4 mm²
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

Technical Data For Diode	
Diode Reverse Voltage	
Diode Current	
Diod	

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08-4 mm²
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

Technical Data For Diode	
Diode Reverse Voltage	
Diode Current	
Diod	

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Note: Only lower decks can be cross-connected

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	0,5	2,5 mm²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08-4 mm²
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

Technical Data For Diode	
Diode Reverse Voltage	1000 V
Diode Current	1 A
Diod	1 N 4007

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5-2 FD-A	316 219	30
	YBK 2,5-2 FD-B	316 229	30

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Note: Only lower decks can be cross-connected

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
		24	2,5 mm²

Connection Data	
Conductor cross section solid (min-max.)	0,08-4 mm²
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

Technical Data For Diode	
Diode Reverse Voltage	1000 V
Diode Current	1 A
Diod	1 N 4007

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 FLD (24V AC)	316 319	30
	YBK 2,5 FLD (24V DC)	316 329	30
	YBK 2,5 FLD (48V AC)	316 419	30
	YBK 2,5 FLD (48V DC)	316 429	30
	YBK 2,5 FLD (110V AC)	316 619	30
	YBK 2,5 FLD (110V DC)	316 629	30
	YBK 2,5 FLD (220V AC)	316 719	30
	YBK 2,5 FLD (220V DC)	316 729	30

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Note: Only lower decks can be cross-connected

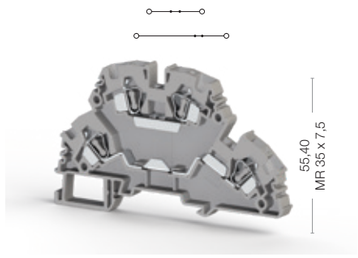
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5

Package Quantity
30 pcs.

Double - Deck Spring Clamp Terminals

YBK 4 - 2 F

Width: 6 mm

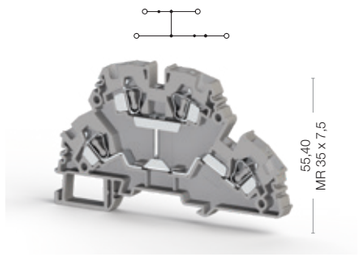


Cat No:

318 109
318 100

YBK 4 - 2 FK

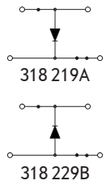
Width: 6 mm



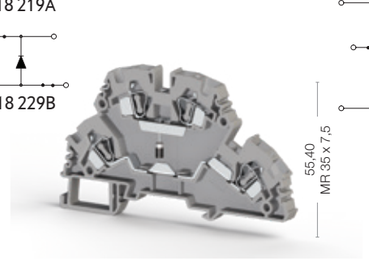
Cat No:

318 129
318 120

YBK 4 - 2 FD



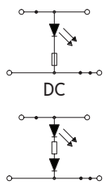
Width: 6 mm



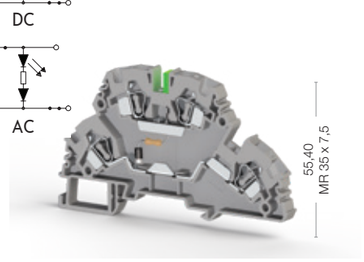
Cat No:

318 219 / 229
318 210 / 220

YBK 4 - 2 FLD



Width: 6 mm



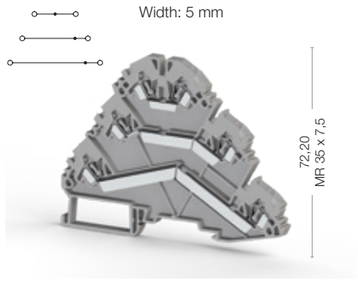
Cat No:

318 319
318 310

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	32	4 mm²	750	32	4 mm²		750	0,5	4 mm²		32	4 mm²
UL	600	26	AWG 22-10										
VDE (IEC 60947-7-1)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min-max.)	0,08-6 mm²			0,08-6 mm²				0,08-6 mm²			0,08-6 mm²		
Conductor cross section stranded (min.-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²			0,08-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²				1 mm²			1 mm²		
AWG Conductor	AWG 28-10			AWG 28-10				AWG 28-10			AWG 28-10		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm				10-12 mm			10-12 mm		
Screwdriver	KT 3 (0,6x3,5)			KT 3 (0,6x3,5)				KT 3 (0,6x3,5)			KT 3 (0,6x3,5)		
Ordering Data											**Type**	**Cat.No.**	**Qty.**
											YBK 4-2 FLD (24V AC)	318 319	20
											YBK 4-2 FLD (24V DC)	318 329	20
											YBK 4-2 FLD (48V AC)	318 419	20
											YBK 4-2 FLD (48V DC)	318 429	20
											YBK 4-2 FLD (110V AC)	318 619	20
											YBK 4-2 FLD (110V DC)	318 629	20
											YBK 4-2 FLD (220V AC)	318 719	20
											YBK 4-2 FLD (220V DC)	318 729	20
Technical Data For Diode													
Diode Reverse Voltage								1000 V			1000 V		
Diode Current								1 A			1 A		
Diod								1 N 4007			1 N 4007		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP YBK 2,5-2 F	446 269	25	NPP YBK 4-2 F	446 269	25		NPP YBK 4-2 F	446 269	25	NPP YBK 4-2 F	446 269	25
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 4/2	476 232	25	UK 4/2	476 232	25		UK 4/2	476 232	25	UK 4/2	476 232	25
	UK 4/3	476 233	20	UK 4/3	476 233	20		UK 4/3	476 233	20	UK 4/3	476 233	20
	UK 4/4	476 234	15	UK 4/4	476 234	15		UK 4/4	476 234	15	UK 4/4	476 234	15
	UK 4/10	476 239	5	UK 4/10	476 239	5		UK 4/10	476 239	5	UK 4/10	476 239	5
				Note: Only lower decks can be cross-connected				Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4				1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity													
	50 pcs.			20 pcs.				20 pcs.			20 pcs.		

Spring Clamp Multilevel Terminals

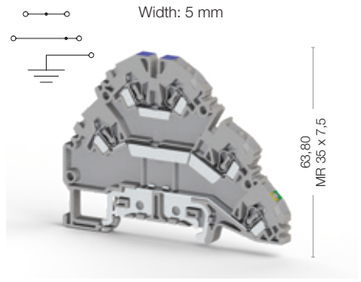
YBK 2,5 - 3 F



Cat No:

324 509
324 500

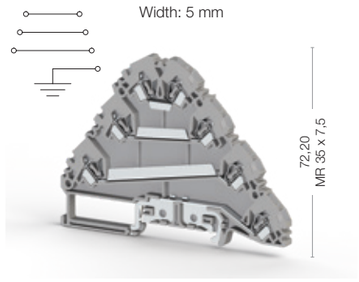
YBK 2,5 - 2 FT



Cat No:

324 809
324 800

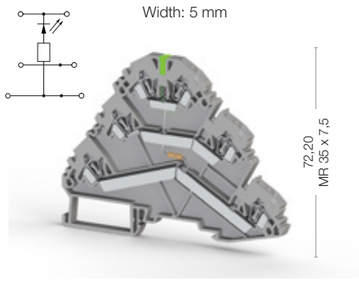
YBK 2,5 - 3 FT



Cat No:

324 609
324 600

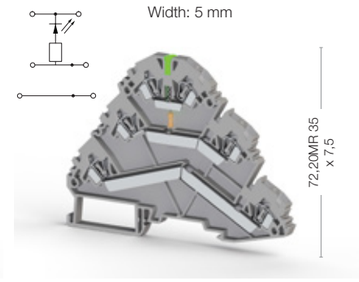
YBK 2,5 - 3 FLD (NPN)



Cat No:

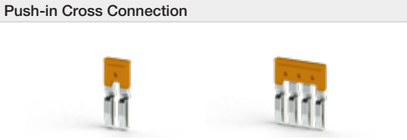
324 739
324 730

YBK 2,5 - 3 FLD (PNP)



Cat No:

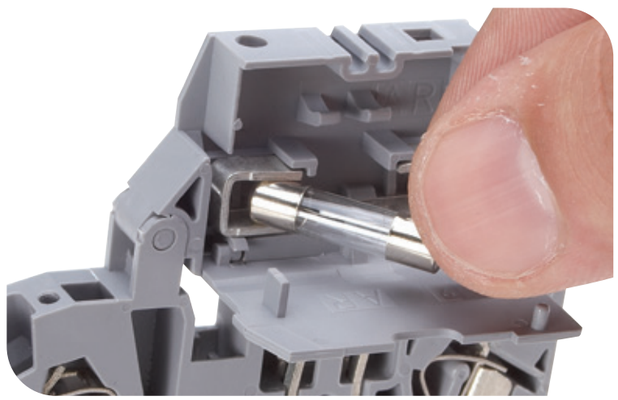
324 749
324 740

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	24	24	2,5 mm²	24	24	2,5 mm²
UL	600	20	AWG 22-12	600	20	AWG 22-12	600	20	AWG 22-12						
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²			0,08-4 mm²			0,08-4 mm²			0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP YBK 2,5-3 F	446 249	10	NPP YBK 2,5-2 T	446 299	10	NPP YBK 2,5-3 FT	446 259	10	NPP YBK 2,5-3 F	446 249	10	NPP YBK 2,5-3 F	446 249	10
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25				UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20				UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15				UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5				UK 2,5/10	476 229	5	UK 2,5/10	476 229	5
Technical Data															
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5		
Package Quantity															
	30 pcs.			30 pcs.			20 pcs.			20 pcs.			20 pcs.		

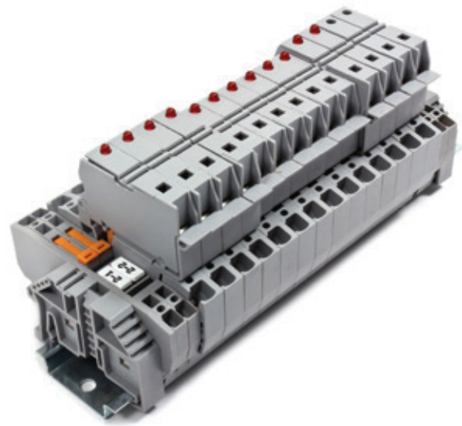
Sensor / Fuse / Disconnect Terminals



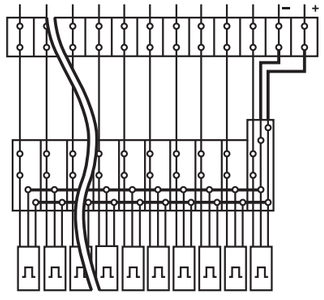
YBK Series Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions can be provided by Plotter Labeling.

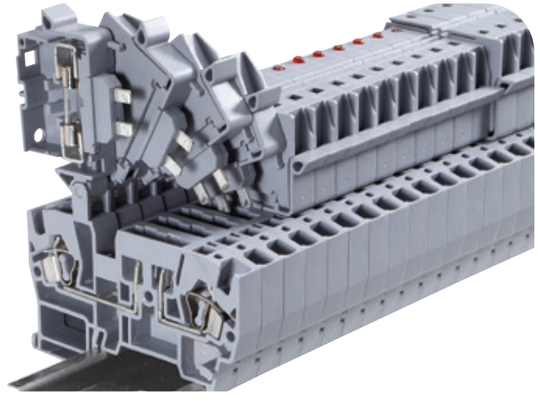






Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for catridge type glass fuse of size Ø 5x20 or Ø 5x25 together with a spare one. Cross connection is available. Special Marking solutions can be provided by Plotter Labeling. LED alarm can be chosen, according to specified operating voltage of the product.



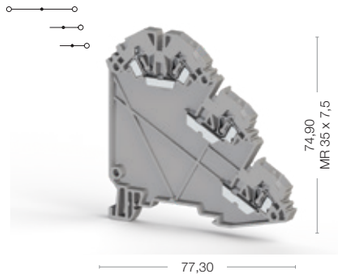




Spring Type Sensor Terminals

YBK 3 S

Width: 5 mm

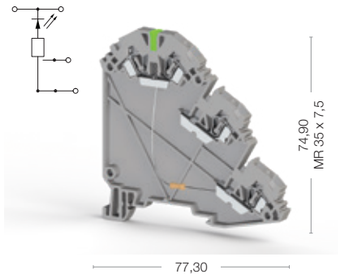


Cat No:

324 709
324 700

YBK 3 SLD (NPN)

Width: 5 mm

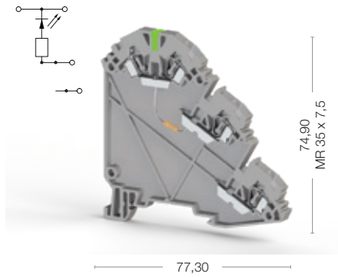


Cat No:

324 719
324 710

YBK 3 SLD (PNP)

Width: 5 mm



Cat No:

324 729
324 720

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²	24	24	2,5 mm²		24	24	2,5 mm²
UL	500	24	AWG 22-12							
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²				0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12				AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)				KT 2 (0,5x3,0)		

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP YBK 3 S	446 289	10	NPP YBK 3 S	446 289	10		NPP YBK 3 S	446 289	10

Push-in Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25		UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20		UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15		UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5		UK 2,5/10	476 229	5

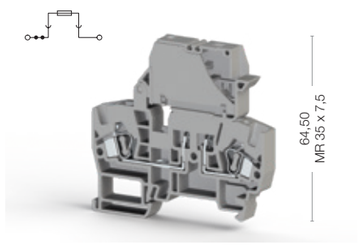
Technical Data				
Rated Impulse Voltage / Pollution severity	6/3	6/3		6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -		IP 20 / -
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5	D_NS 5x6, DB 5, DG 6/5		D_NS 5x6, DB 5, DG 6/5

Package Quantity				
	20 pcs.	20 pcs.		20 pcs.

Spring Clamp Fuse and Disconnect Terminals

YBK S

Width: 8 mm

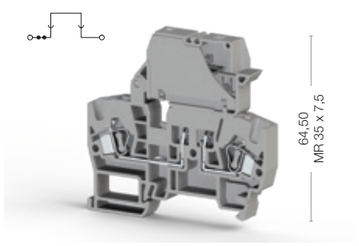


Cat No:

355 119
325 110

YBK SB

Width: 8 mm

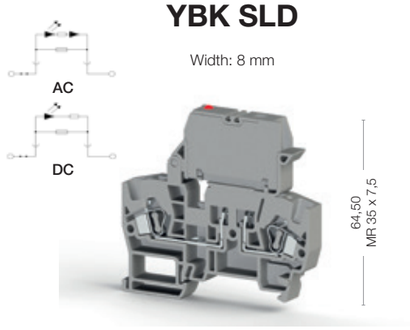


Cat No:

363 109
363 100

YBK SLD

Width: 8 mm

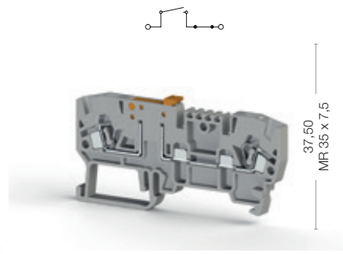


Cat No:

355 719
355 710

YBK 2,5 A

Width: 5 mm



Cat No:

353 209
353 200

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-3)	500	10	4 mm²	500	10	4 mm²		10	4 mm²	750	16	2,5 mm²
UL	600	10	AWG 22-10	600	10	AWG 22-10		10	AWG 22-10	600	20	AWG 22-12
VDE (IEC 60947-7-1)												
CSA												
ATEX												

Connection Data												
Conductor cross section solid (min-max.)	0,08-6 mm²			0,08-6 mm²				0,08-6 mm²		0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²		0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²				1 mm²		0,5 mm²		
AWG Conductor	AWG 22-10			AWG 28-10				AWG 28-10		AWG 28-12		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm				10-12 mm		9-10 mm		
Screwdriver	KT 3 (0,6x3,5)			KT 3 (0,6x3,5)				KT 3 (0,6x3,5)		KT 2 (0,5x3,0)		

Ordering Data							Type	Cat.No.	Qty.			
							YBK SLD (24V AC)	355 719	20			
							YBK SLD (24V DC)	355 729	20			
							YBK SLD (48V AC)	355 739	20			
							YBK SLD (48V DC)	355 749	20			
							YBK SLD (110V AC)	355 759	20			
							YBK SLD (110V DC)	355 769	20			
							YBK SLD (220V AC)	355 779	20			
							YBK SLD (220V DC)	355 789	20			

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/YBK S	450 069	10	NPP/YBK S	450 069	10	NPP/YBK S	450 069	10	NPP/YBK 2,5 A	450 219	10

Push-in Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 2,5/2	476 222	25
	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 2,5/3	476 223	20
	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 2,5/4	476 224	15
	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 2,5/10	476 229	5

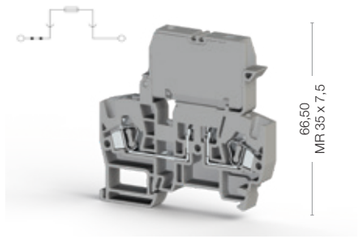
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3		6/3		6/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4		1/A4		1/A4	1/A3
Protection class / Protection conductor type	IP 20 / -		IP 20 / -		IP 20 / -	IP 20 / -
Fuse / Fuse Type	G/5x20 - 5x25 / Glass				G/5x20 - 5x25 / Glass	
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5		D_NS 5x6, DB 5, DG 6/5		D_NS 5x6, DB 5, DG 6/5	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity						
	20 pcs.		20 pcs.		20 pcs.	50 pcs.

Spring Clamp Fuse and Disconnect Terminals

YBK I

Width: 8 mm

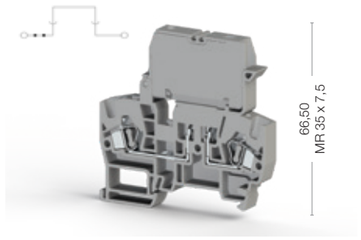


Cat No:

355 129
355 120

YBK IB

Width: 8 mm

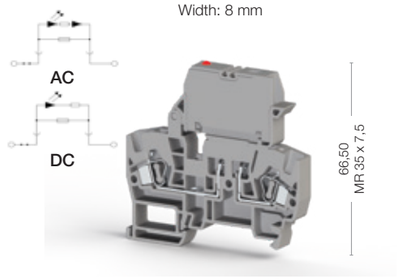


Cat No:

363 209
363 200

YBK ILD

Width: 8 mm



Cat No:

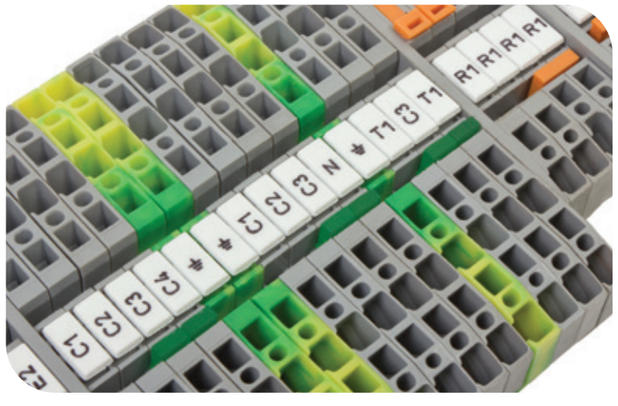
355 819
355 810

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1/ EN 60947-7-3)	500	10	4 mm²	500	10	4 mm²			10	4 mm²
UL	600	10	AWG 22-10	600	10	AWG 22-10			10	AWG 22-10
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min-max.)	0,08-6 mm²			0,08-6 mm²				0,08-6 mm²		
Conductor cross section stranded (min.-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²				1 mm²		
AWG Conductor	AWG 28-10			AWG 28-10				AWG 28-10		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm				10-12 mm		
Screwdriver	KT 3 (0,6x3,5)			KT 3 (0,6x3,5)				KT 3 (0,6x3,5)		
Ordering Data								**Type**	**Cat.No.**	**Qty.**
								YBK ILD (24 VAC)	355 819	20
								YBK ILD (24 VDC)	355 829	20
								YBK ILD (48 VAC)	355 839	20
								YBK ILD (48 VDC)	355 849	20
								YBK ILD (110 VAC)	355 859	20
								YBK ILD (110 VDC)	355 869	20
								YBK ILD (220 VAC)	355 879	20
								YBK ILD (220 VDC)	355 889	20
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	NPP/YBK S	450 069	10	NPP/YBK S	450 069	10		NPP/YBK S	450 069	10
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
	UK 6/2	476 242	25	UK 6/2	476 242	25		UK 6/2	476 242	25
	UK 6/3	476 243	20	UK 6/3	476 243	20		UK 6/3	476 243	20
	UK 6/4	476 244	15	UK 6/4	476 244	15		UK 6/4	476 244	15
	UK 6/10	476 249	5	UK 6/10	476 249	5		UK 6/10	476 249	5
Technical Data										
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4				1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Fuse / Fuse Type	G/6,35x31,75							G/6,35x31,75		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5				D_NS 5x6, DB 5, DG 6/5		
Package Quantity										
	20 pcs.			20 pcs.				20 pcs.		

YBK Series Multi input/output Terminals



Spring Clamp one-level, multi input-output Terminals are suitable for usage in panels, with limited depth, where multilevel terminals cannot be used. Single-level terminals can be marked and cross-connected together with all other YBK series terminals; can be used together with test Terminals. Earth Terminals are available for same cross-sections and specifications. Special Marking solutions can be provided by Plotter Labeling. LED alarm can be chosen, according to specified operating voltage of the product.





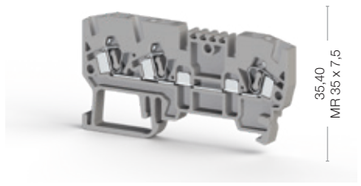




One input - Two Output
Two input - Two Output
Spring Clamp Terminals

YBK 2,5 E

Width: 5 mm

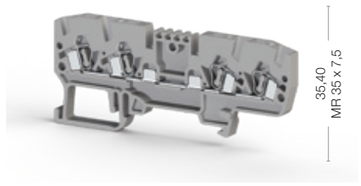


Cat No:

326 059
326 050

YBK 2,5 C

Width: 5 mm

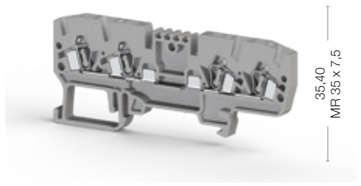


Cat No:

326 109
326 100

YBK 2,5 CX2

Width: 5 mm



Cat No:

326 209
326 200

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²	750	24	2,5 mm²		750	24	2,5 mm²
UL	600	20	AWG 22-12	600	20	AWG 22-12				
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²				0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²				0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12				AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)				KT 2 (0,5x3,0)		

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/YBK 2,5 E	446 219	10	NPP/YBK 2,5 C	446 279	10		NPP/YBK 2,5 C	446 279	25

Push-in Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25		UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20		UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15		UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5		UK 2,5/10	476 229	5

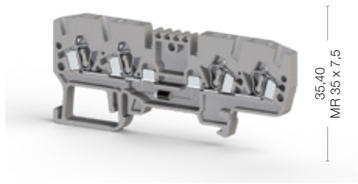
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T				D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		

Package Quantity										
	50 pcs.			50 pcs.				50 pcs.		

Two input - Two Output Spring Clamp Terminals

YBK 2,5 CD

Width: 5 mm



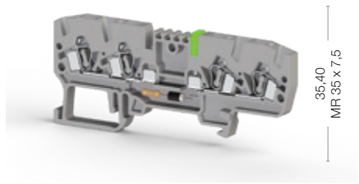
Cat No:

326 219
326 210

YBK 2,5 CLD

Width: 5 mm



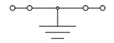


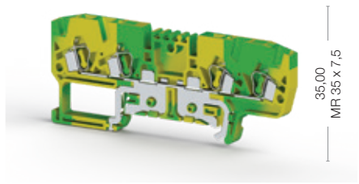
Cat No:

326 319
326 310

YBK 2,5 CT

Width: 5 mm



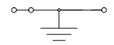


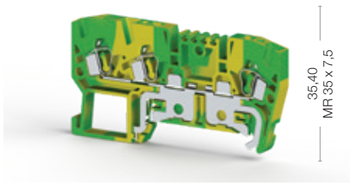
Cat No:

336 100

YBK 2,5 ET

Width: 5 mm





Cat No:

336 110

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	750	0,5	2,5 mm²		24	2,5 mm²			2,5 mm²			2,5 mm²
UL				24	20	AWG 22-12			AWG 22-12			AWG 22-12
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²			0,08-4 mm²			0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Ordering Data				**Type**	**Cat.No.**	**Qty.**						
				YBK 2,5 CLD (24V AC)	326 319	50						
				YBK 2,5 CLD (24V DC)	326 419	50						
				YBK 2,5 CLD (48V AC)	326 619	50						
				YBK 2,5 CLD (48V DC)	326 719	50						
				YBK 2,5 CLD (110V AC)	326 329	50						
				YBK 2,5 CLD (110V DC)	326 429	50						
				YBK 2,5 CLD (220V AC	326 629)	50						
				YBK 2,5 CLD (220V DC)	326 729	50						
Technical Data For Diode												
Diode Reverse Voltage	1000 V											
Diode Current	1 A											
Diod	1 N 4007											
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/YBK 2,5 C	446 279	25	NPP/YBK 2,5 C	446 279	25		NPP/YBK 2,5 CT	446 272T	10	NPP/YBK 2,5 E	446 212T	10
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**							
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25							
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20							
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15							
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5							
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T				D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity													
	50 pcs.			50 pcs.				50 pcs.			50 pcs.		

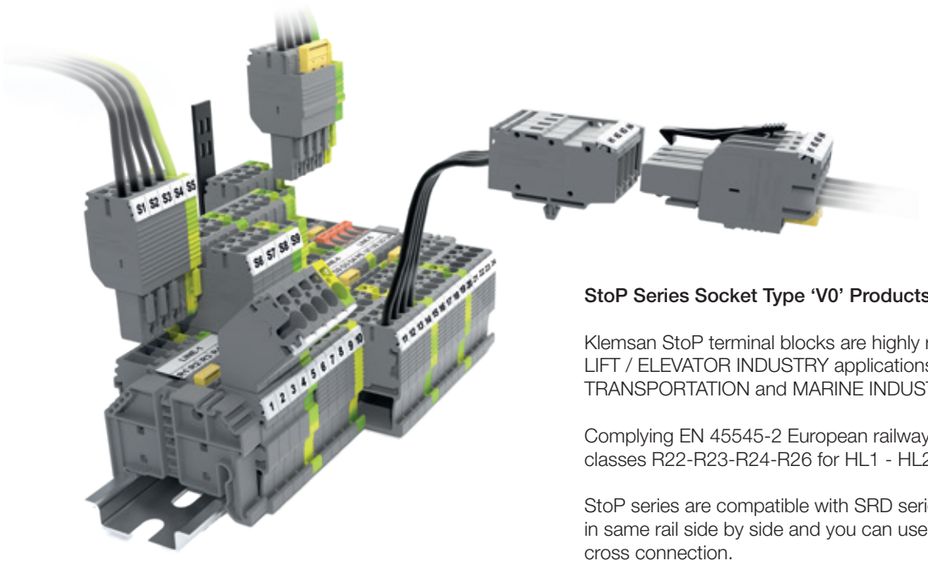
“V0” Flammability Rating Product Range

Screw Type ‘V0’ Products

‘V0’ flammability rating Screw Terminal Blocks are ready in KLEMSAN Family for your prestigious projects! You can select the most suitable products from our premium ‘NM’ series as 108 products.

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.

Features	UL 94 V0	UL 94 V1	UL 94 V2
Self-extinguishing time after flame is applied to the sample (seconds).	≤ 10 sn	≤ 30 sn	≤ 30 sn
Total self-extinguishing time after 10 consecutive flame treatments.	≤ 50 sn	≤ 250 sn	≤ 250 sn
Is the sample burn completely?	No	No	No
Subject material which shouldn’t ignite by dripping from the sample.	Cotton	Cotton	Paper

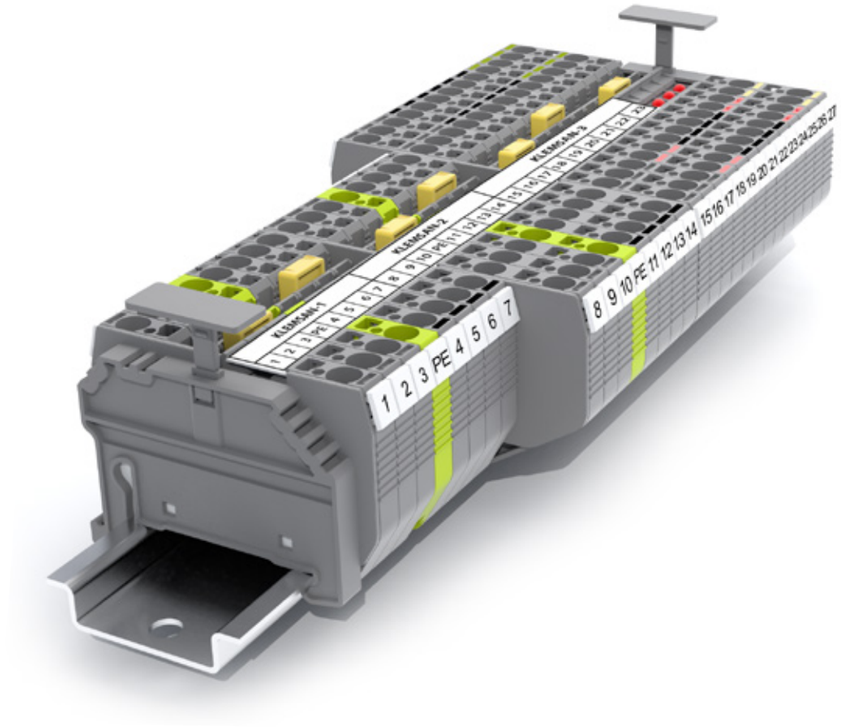


StoP Series Socket Type ‘V0’ Products

Klemsan StoP terminal blocks are highly recommended for LIFT / ELEVATOR INDUSTRY applications; also for RAILWAY TRANSPORTATION and MARINE INDUSTRIES as well.

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.

StoP series are compatible with SRD series. You can mount them in same rail side by side and you can use marking strip and push-in cross connection.



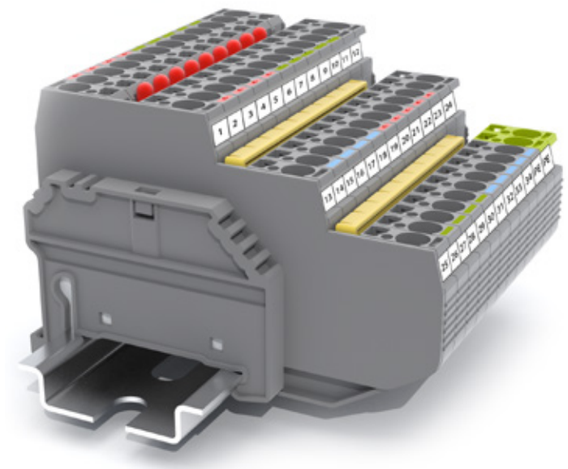
SRD Series Spring Type ‘V0’ Products

Brand new series spring clamp type terminal blocks are ready for your projects!

SRD Series are empowered terminal blocks compare with YBK series.

The thickness is 5,2 mm and the plastic bodies and rail legs are more ergonomic.

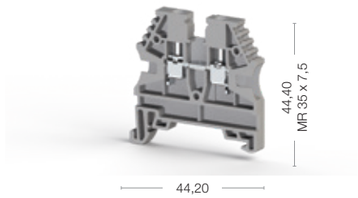
Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.



AVK Series "V0" Terminals

AVK 2,5/NM

Width: 5 mm

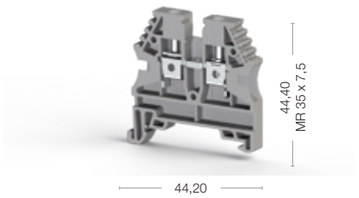


Cat No:

309 009
309 000

AVK 4/NM

Width: 6 mm

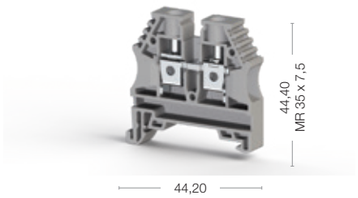


Cat No:

309 019
309 010

AVK 6/NM

Width: 8 mm

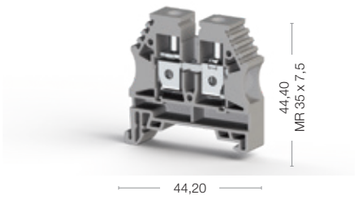


Cat No:

309 029
309 020

AVK 10/NM

Width: 10 mm

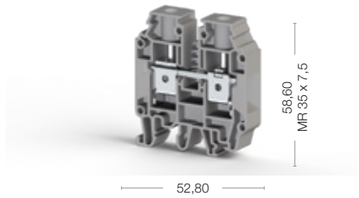


Cat No:

309 039
309 030

AVK 16 RD/NM

Width: 12 mm



Cat No:

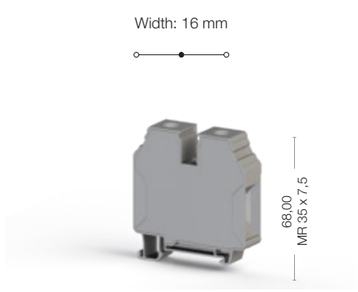
309 059
309 050

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²	750	32	4 mm²	630	41	6 mm²	630	57	10 mm²	750	76	16 mm²
UL - CuLus	600	20	AWG 26–12	600	30	AWG 26–10	600	50	AWG 26–8	600	65	AWG 16-6	600	80	AWG 12-4
Connection Data															
Conductor cross section solid (min-max.)	0,2–4 mm²			0,2–6 mm²			0,2-10 mm²			0,5-16 mm²			1,5-25 mm²		
Conductor cross section stranded (min-max.)	0,2–4 mm²			0,2–6 mm²			0,2-10 mm²			0,5-16 mm²			1,5-25 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-2,5 mm²			0,5-4 mm²			0,5-6 mm²			0,75-10 mm²		
AWG Conductor	AWG 24–12			AWG 24–10			AWG 24-8			AWG 20-6			AWG 16-4		
Insulation Stripping Length (min.-max.)	9–10 mm			9–10 mm			10-12 mm			10-12 mm			12-14 mm		
Torque (min-max.)	0,4–0,6 Nm			0,5–0,8 Nm			0,8-1,2 Nm			1,2-1,8 Nm			1,2-2,0 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x4)			IKT 4 (0,8x4)			IKT 5 (1,0x5,5)		
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/AVK 2,5-10/NM	451 069	100	NPP/AVK 2,5-10/NM	451 069	100	NPP/AVK 2,5-10/NM	451 069	100	NPP/AVK 2,5-10/NM	451 069	100	NPP/AVK 16 RD/NM	451 049	100
	APP/AVK 2,5-10/NM	464 059	25	APP/AVK 2,5-10/NM	464 059	25	APP/AVK 2,5-10/NM	464 059	25	APP/AVK 2,5-10/NM	464 059	25	APP/AVK 16 RD/NM	464 229	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 2,5/2	474 122	25	UK 4/2	474 132	25	UK 6/2	474 142	25	UK 10/2	474 152	25	UK 16/2	474 162	25
	UK 2,5/3	474 123	20	UK 4/3	474 133	20	UK 6/3	474 143	20	UK 10/3	474 153	20	UK 16/3	474 163	20
	UK 2,5/4	474 124	15	UK 4/4	474 134	15	UK 6/4	474 144	15	UK 10/4	474 154	15	UK 16/4	474 164	15
	UK 2,5/10	474 129	5	UK 4/10	474 139	5	UK 6/10	474 149	5	UK 10/10	474 159	5	UK 16/10	474 169	5
				UK 4/20	474 180	5									
Comb Connector	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**			
	TKO 2,5/2/NM	470 332	25	TKO 4/2/NM	470 342	25	TKO 6/2/NM	470 352	25	TKO 10/2/NM	470 362	25			
	TKO 2,5/3/NM	470 333	20	TKO 4/3/NM	470 343	20	TKO 6/3/NM	470 353	20	TKO 10/3/NM	470 363	20			
	TKO 2,5/4/NM	470 334	15	TKO 4/4/NM	470 344	15	TKO 6/4/NM	470 357	15	TKO 10/4/NM	470 364	15			
	TKO 2,5/10/NM	470 339	5	TKO 4/10/NM	470 349	5	TKO 6/10/NM	470 359	5	TKO 10/10/NM	470 369	5			
Technical Data															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4			1/B5			1/B6			1/B7		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10			D_NS 10x10, D_NS 12x10, DG 10x10		
Package Quantity															
	100 pcs.			100 pcs.			100 pcs.			100 pcs.			50 pcs.		

AVK Series "V0" Terminals

AVK 35 RDS/NM

Width: 16 mm



Cat No:

309 089
309 080

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	125	35 mm²
UL - CuLus	600	115	AWG 10-2

Connection Data	
Conductor cross section solid (min-max.)	6-50 mm²
Conductor cross section stranded (min-max.)	6-35 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	4-16 mm²
AWG Conductor	AWG 10-2
Insulation Stripping Length (min.-max.)	16-18 mm
Torque (min-max.)	4,0-6,0 Nm
Screwdriver	IKT 6 (1,2x6,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
			

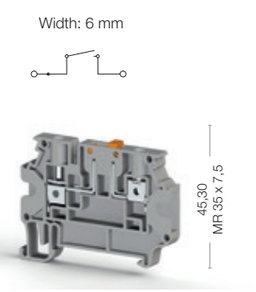
Cross Connection	Type	Cat.No.	Qty.
	UK 35/2 RDS	480 212	25
	UK 35/3 RDS	480 213	20
	UK 35/4 RDS	480 214	15
	UK 35/10 RDS	480 219	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B9
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 14x10, DG 10/10

Package Quantity	
	50 pcs.

AVK 4 A/NM

Width: 6 mm



Cat No:

309 179
309 170

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	20	4 mm²
UL - CuLus	300	16	AWG 26-10

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm²
Conductor cross section stranded (min-max.)	0,2-6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 4 R-A/NM	451 319	25

Cross Connection	Type	Cat.No.	Qty.
	UK 4/2/NM	470 312	25
	UK 4/3/NM	470 313	20
	UK 4/4/NM	470 314	15
	UK 4/10/NM	470 319	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W

Package Quantity	
	50 pcs.

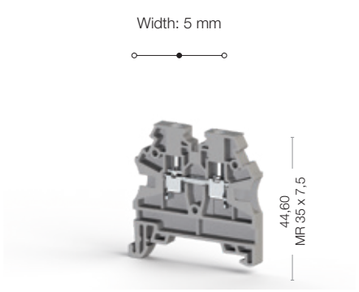
* Higher torque value compare to AVK 35 RD

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

AVK RD Series "V0" Terminals

AVK 2,5 RD/NM

Width: 5 mm



Cat No:

309 159
309 150

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm²
UL - CuLus	600	20	AWG 26-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-4 mm²
Conductor cross section stranded (min-max.)	0,2-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10/NM	451 069	100
	APP/AVK 2,5-10/NM	464 059	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2/NM	470 302	25
	UK 2,5/3/NM	470 303	20
	UK 2,5/4/NM	470 304	15
	UK 2,5/10/NM	470 309	5

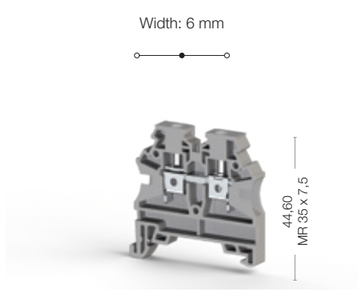
Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2/NM	470 332	25
	TKO 2,5/3/NM	470 333	20
	TKO 2,5/4/NM	470 334	15
	TKO 2,5/10/NM	470 339	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 10/5, DG 10/5, DG 10/5T

Package Quantity	
	100 pcs.

AVK 4 RD/NM

Width: 6 mm



Cat No:

309 169
309 160

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	750	32	4 mm²
	600	30	AWG 26-10

Connection Data	
	0,2-6 mm²
	0,2-6 mm²
	0,5-2,5 mm²
	AWG 24-10
	9-10 mm
	0,5-0,8 Nm
	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10/NM	451 069	100
	APP/AVK 2,5-10/NM	464 059	25

Cross Connection	Type	Cat.No.	Qty.
	UK 4/2/NM	470 312	25
	UK 4/3/NM	470 313	20
	UK 4/4/NM	470 314	15
	UK 4/10/NM	470 319	5

Comb Connector	Type	Cat.No.	Qty.
	TKO 4/2/NM	470 342	25
	TKO 4/3/NM	470 343	20
	TKO 4/4/NM	470 344	15
	TKO 4/10/NM	470 349	5

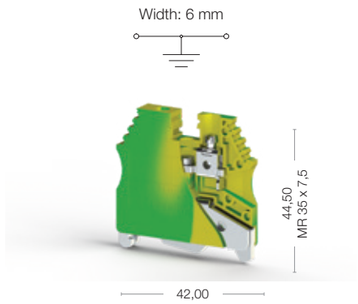
Technical Data	
	8/3
	1/A4
	IP 20 / -
	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity	
	100 pcs.

AVK T Series "V0" Earth Terminals

AVK 2,5 / 4 TK/NM

Width: 6 mm

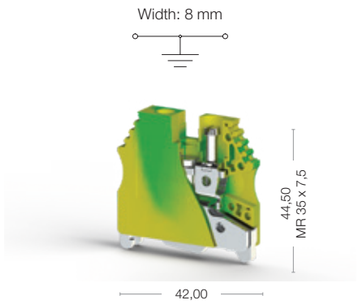


Cat No:

341 010

AVK 6 TK/NM

Width: 8 mm

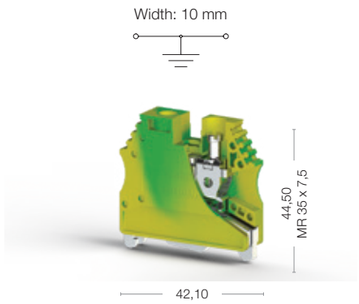


Cat No:

341 020

AVK 10 TK/NM

Width: 10 mm

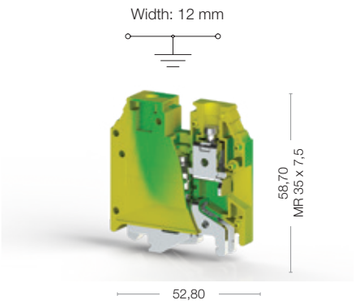


Cat No:

341 030

AVK 16 T RD/NM

Width: 12 mm



Cat No:

341 040

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5-4 mm²			6 mm²				10 mm²			16 mm²
UL - CuLus			AWG 26-10			AWG 26-8				AWG 16-6			AWG 12-4

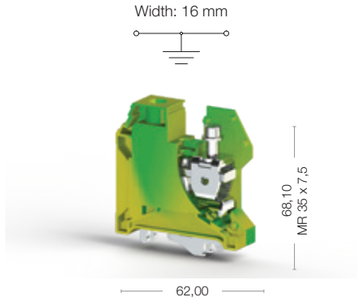
Connection Data				
Conductor cross section solid (min-max.)	0,2-6 mm²	0,2-10 mm²	0,5-16 mm²	1,5-25 mm²
Conductor cross section stranded (min-max.)	0,2-6 mm²	0,2-10 mm²	0,5-16 mm²	1,5-25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²	0,5-4 mm²	0,5-6 mm²	0,75-10 mm²
AWG Conductor	AWG 24-10	AWG 24-8	AWG 20-6	AWG 16-4
Insulation Stripping Length (min.-max.)	9-10 mm	10-12 mm	10-12 mm	12-14 mm
Torque (min-max.)	0,5-0,8 Nm	0,8-1,2 Nm	1,2-1,8 Nm	1,2-2,0 Nm
Rail Tightening torque, (min-max.)	0,4-0,6 Nm	0,6 -0,8 Nm	0,8-1,0 Nm	1,0-1,2 Nm
Screwdriver	IKT 3 (0,6x3,5)	IKT 4 (0,8x4)	IKT 4 (1,2x6,5)	IKT 5 (1,2x6,5)

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4	1/B5	1/B6	1/B7
Protection class / Protection conductor type	IP 20 / PE	IP 20 / PE	IP 20 / PE	IP 20 / PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	D_NS 8x10, DG 10/8	D_NS 10x10, DG 10/10	D_NS 10x10, D_NS 12x10, DG 10/10

Package Quantity				
	50 pcs.	25 pcs.	25 pcs.	50 pcs.

AVK T Series "V0" Earth Terminals

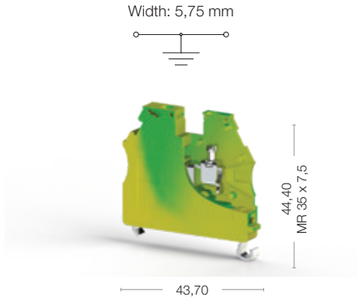
AVK 35 T RDS/NM



Cat No:

341 060

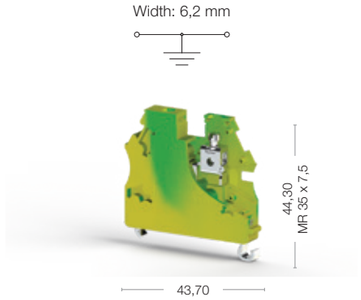
AVK 2,5 T RD/NM



Cat No:

341 090

AVK 4 T RD/NM



Cat No:

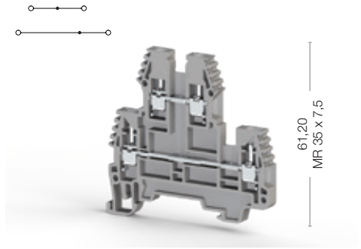
341 100

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			35 mm²			2,5 mm²				4 mm²
UL - CuLus			AWG 10-2			AWG 26-12				AWG 26-10
Connection Data										
Conductor cross section solid (min-max.).	6-50 mm²			0,2-4 mm²				0,2-6 mm²		
Conductor cross section stranded (min-max.)	6-35 mm²			0,2-4 mm²				0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	4-16 mm²			0,5-1,5 mm²				0,5-2,5 mm²		
AWG Conductor	AWG 10-2			AWG 24-12				AWG 24-10		
Insulation Stripping Length (min.-max.)	16-18 mm			9-10 mm				9-10 mm		
Torque (min-max.)	4,0-6,0 Nm			0,4-0,6 Nm				0,5-0,8 Nm		
Rail Tightening torque, (min-max.)	1,2-1,5 Nm									
Screwdriver	IKT 6 (1,2x6,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)		
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8				8		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B9			1/A3				1/A4		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 14x10, DG 10/10			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity										
	25 pcs.			50 pcs.				50 pcs.		

Screw Type "V0" Double - Deck Terminals

PIK 2,5 N/NM

Width: 5 mm



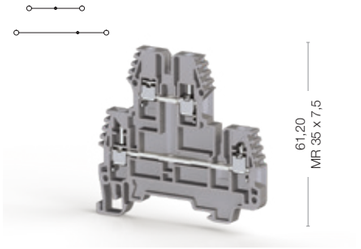
Cat No:

309 189
309 180

PIK 2,5 RD/NM

push-in cross connection

Width: 5 mm

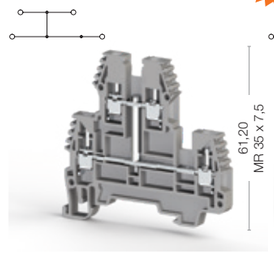


Cat No:

309 429
309 420

PIK 2,5 NK/NM

Width: 5 mm



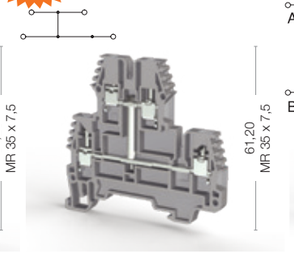
Cat No:

309 199
309 190

PIK 2,5 RDK/NM

push-in cross connection

Width: 5 mm



Cat No:

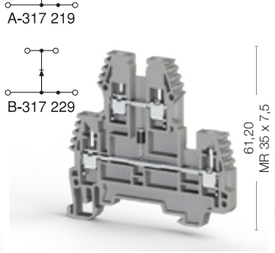
309 439
309 430

PIK 2,5 ND/NM

Width: 5 mm

A-317 219

B-317 229



Cat No:

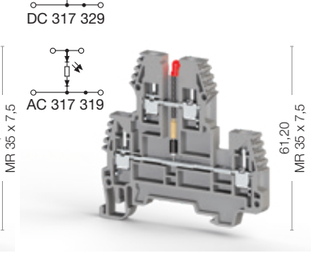
315 049
315 040

PIK 2,5 NLD/NM

Width: 5 mm

DC 317 329

AC 317 319



Cat No:

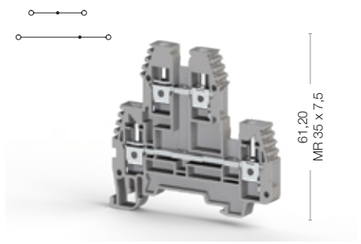
309 229
309 220

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	500	24	2,5 mm²	500	0,5	2,5 mm²		24	2,5 mm²
UL	300	20	AWG 26-12	300	20	AWG 26-12	300	20	AWG 26-12				300	20	AWG 26-12		20	AWG 26-12
VDE (IEC 60947-7-1)																		
CSA																		
ATEX																		
Connection Data																		
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²			0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²			0,5-1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12			AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm			0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data													Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
													PIK 2,5 ND A/NM	315 049	20	PIK 2,5 NLD/NM (24AC)	309 229	20
																PIK 2,5 NLD/NM (24DC)	309 239	20
													PIK 2,5 ND B/NM	315 059	20	PIK 2,5 NLD/NM (48AC)	309 249	20
																PIK 2,5 NLD/NM (48DC)	309 259	20
																PIK 2,5 NLD/NM (110AC)	309 269	20
																PIK 2,5 NLD/NM (110DC)	309 279	20
																PIK 2,5 NLD/NM (220AC)	309 289	20
																PIK 2,5 NLD/NM (220DC)	309 299	20
Technical Data For Diode																		
Diode Voltage													1000 V					
Diode Current													1 A					
Diod													1 N 4007					
End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25				NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25
Small Partition	Type	Cat.No.	Qty.							Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	AD 1	467 919	100							AD 1	467 919	100				AD 1	467 919	100	AD 1	467 919	100
Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25	UK 2,5/2/NM	470 302	25				UK 2,5/2	474 122	25	UK 2,5/2/NM	470 302	25	UK 2,5/2	474 122	25	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20	UK 2,5/3/NM	470 303	20				UK 2,5/3	474 123	20	UK 2,5/3/NM	470 303	20	UK 2,5/3	474 123	20	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15	UK 2,5/4/NM	470 304	15				UK 2,5/4	474 124	15	UK 2,5/4/NM	470 304	15	UK 2,5/4	474 124	15	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5	UK 2,5/10/NM	470 309	5				UK 2,5/10	474 129	5	UK 2,5/10/NM	470 309	5	UK 2,5/10	474 129	5	UK 2,5/10	474 129	5
										Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
Technical Data																		
Rated Impulse Voltage / Pollution severity	6/3			6/3						6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3						1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -						IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T									D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity																		
	100 pcs.			100 pcs.						20 pcs.			100 pcs.			20 pcs.			20 pcs.		

Screw Type "V0" Double - Deck Terminals

PIK 4 N/NM

Width: 6 mm



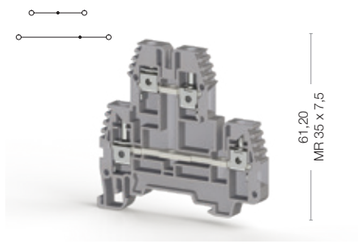
Cat No:

309 309
309 300

PIK 4 RD/NM

push-in cross connection

Width: 6 mm

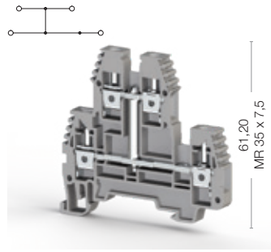


Cat No:

309 449
309 440

PIK 4 NK/NM

Width: 6 mm



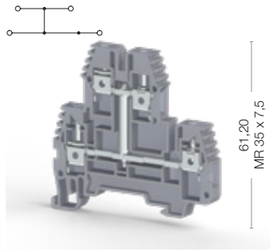
Cat No:

309 319
309 310

PIK 4 RDK/NM

push-in cross connection

Width: 6 mm

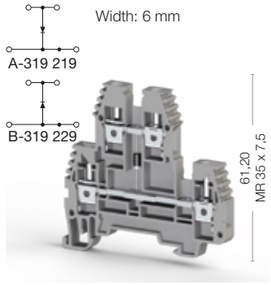


Cat No:

309 459
309 450

PIK 4 ND/NM

Width: 6 mm

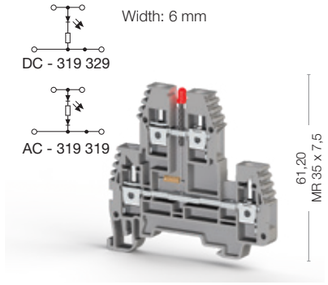


Cat No:

315 069
315 060

PIK 4 NLD/NM

Width: 6 mm



Cat No:

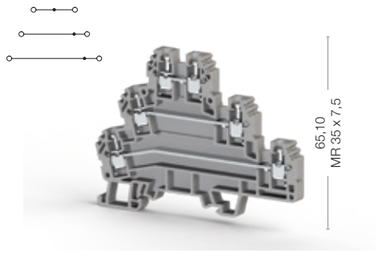
309 349
309 340

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm²	500	32	4 mm²	500	32	4 mm²	500	32	4 mm²	500	0,5	4 mm²		24	4 mm²
UL	300	30	AWG 26-10	300	30	AWG 26-10	300	30	AWG 26-10				300	30	AWG 26-10		30	AWG 26-10
VDE (IEC 60947-7-1)																		
CSA																		
ATEX																		
Connection Data																		
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data													**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
													PIK 4 ND A/NM	315 069	20	PIK 4 NLD/NM (24AC)	309 349	20
																PIK 4 NLD/NM (24DC)	309 359	20
													PIK 4 ND B/NM	315 079	20	PIK 4 NLD/NM (48AC)	309 369	20
																PIK 4 NLD/NM (48DC)	309 379	20
																PIK 4 NLD/NM (110AC)	309 389	20
																PIK 4 NLD/NM (110DC)	309 399	20
																PIK 4 NLD/NM (220AC)	309 409	20
																PIK 4 NLD/NM (220DC)	309 419	20
Technical Data For Diode																		
Diode Voltage													1000 V					
Diode Current													1 A					
Diod													1 N 4007					
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25
Small Partition	**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	AD 1	467 919	100				AD 1	467 919	100				AD 1	467 919	100	AD 1	467 919	100
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 4/2	474 132	25	UK 4/2/NM	470 312	25	UK 4/2	474 132	25	UK 4/2/NM	470 312	25	UK 4/2	474 132	25	UK 4/2	474 132	25
	UK 4/3	474 133	20	UK 4/3/NM	470 313	20	UK 4/3	474 133	20	UK 4/3/NM	470 313	20	UK 4/3	474 133	20	UK 4/3	474 133	20
	UK 4/4	474 134	15	UK 4/4/NM	470 314	15	UK 4/4	474 134	15	UK 4/4/NM	470 314	15	UK 4/4	474 134	15	UK 4/4	474 134	15
	UK 4/10	474 139	5	UK 4/10/NM	470 319	5	UK 4/10	474 139	5	UK 4/10/NM	470 319	5	UK 4/10	474 139	5	UK 4/10	474 139	5
	UK 4/20	474 180	5				UK 4/20	474 180	5				UK 4/20	474 180	5	UK 4/20	474 180	5
							Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
Technical Data																		
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		
Package Quantity																		
	100 pcs.			100 pcs.			20 pcs.			100 pcs.			20 pcs.			20 pcs.		

Screw Type "V0" Multilevel Terminals

PUK 3/NM

Width: 6 mm

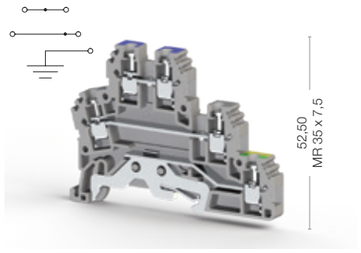


Cat No:

309 479
309 470

PUK 2 T/NM

Width: 6 mm

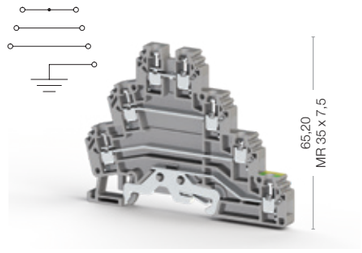


Cat No:

309 469
309 460

PUK 3 T/NM

Width: 6 mm



Cat No:

309 489
309 480

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	440	24	2,5 mm²	440	24	2,5 mm²		440	24	2,5 mm²
UL	600	24	AWG 24-12	600	24	AWG 24-12		600	24	AWG 24-12
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-4 mm²				0,2-4 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-4 mm²				0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²			0,5-1,5 mm²				0,5-1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-12				AWG 24-12		
Insulation Stripping Length (min.-max.)	7-8 mm			7-8 mm				7-8 mm		
Torque (min-max.)	0,4-0,6 Nm			0,4-0,6 Nm				0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)		

End Plate



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
NPP/PUK 3/NM	351 339	10	NPP/PUK 2 T/NM	451 329	10		NPP/PUK 3 T/NM	351 349	10

Cross Connection



Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
UK 2,5/2	480 132	25	UK 2,5/2	480 132	25		UK 2,5/2	480 132	25
UK 2,5/3	480 133	20	UK 2,5/3	480 133	20		UK 2,5/3	480 133	20
UK 2,5/4	480 134	15	UK 2,5/4	480 134	15		UK 2,5/4	480 134	15
UK 2,5/10	480 139	5	UK 2,5/10	480 139	5		UK 2,5/10	480 139	5
UK 2,5/35	480 140	5	UK 2,5/35	480 140	5		Note: Only upper decks can be cross-connected		

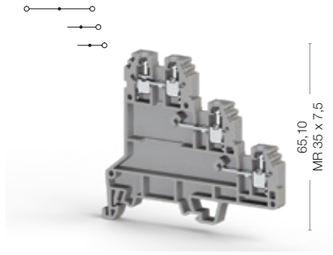
Technical Data				
Rated Impulse Voltage / Pollution severity	6/3	6/3		6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / PE		IP 20 / PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	DB 5	DB 5		DB 5

Package Quantity				
	20 pcs.	20 pcs.		20 pcs.

Screw Type "V0" Sensor Terminals

PUK 3 S/NM

Width: 6 mm

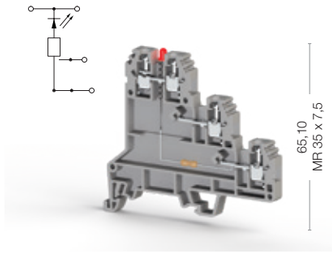


Cat No:

309 499
309 490

PUK 3 SLD (NPN)/NM

Width: 6 mm

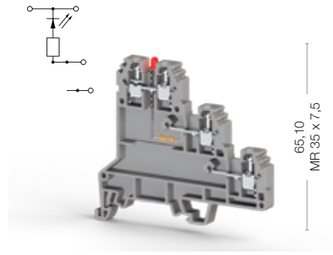


Cat No:

309 509
309 500

PUK 3 SLD (PNP)/NM

Width: 6 mm



Cat No:

309 519
309 510

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm²	24	24	2,5 mm²		24	24	2,5 mm²
UL	300	20	AWG 24-12	300	20	AWG 24-12		300	20	AWG 24-12
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data						
Conductor cross section solid (min-max.)	0,2-4 mm²		0,2-4 mm²			0,2-4 mm²
Conductor cross section stranded (min.-max.)	0,2-4 mm²		0,2-4 mm²			0,2-4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm²		0,5-1,5 mm²			0,5-1,5 mm²
AWG Conductor	AWG 24-12		AWG 24-12			AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm		7-8 mm			7-8 mm
Torque (min-max.)	0,4-0,6 Nm		0,4-0,6 Nm			0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/PUK 3 S/NM	351 359	10	NPP/PUK 3 S/NM	351 359	10		NPP/PUK 3 S/NM	351 359	10

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	480 132	25	UK 2,5/2	480 132	25		UK 2,5/2	480 132	25
	UK 2,5/3	480 133	20	UK 2,5/3	480 133	20		UK 2,5/3	480 133	20
	UK 2,5/4	480 134	15	UK 2,5/4	480 134	15		UK 2,5/4	480 134	15
	UK 2,5/10	480 139	5	UK 2,5/10	480 139	5		UK 2,5/10	480 139	5
	UK 2,5/35	480 140	5	UK 2,5/35	480 140	5		UK 2,5/35	480 140	5

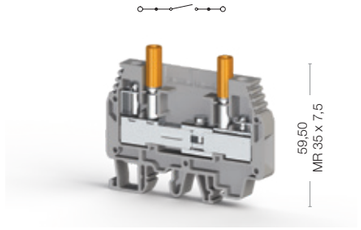
Technical Data			
Rated Impulse Voltage / Pollution severity	6/3	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -	IP 20 / PE
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	DB 5	DB 5	DB 5

Package Quantity			
	20 pcs.	20 pcs.	20 pcs.

WGO Series "V0" Test / Disconnect Terminals

WGO 3/NM

Width: 8 mm

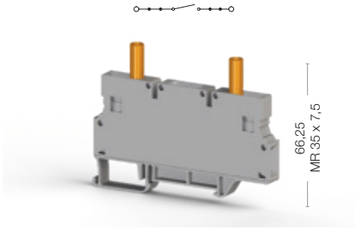


Cat No:

309 569
309 560

WGO 4/NM

Width: 8 mm



Cat No:

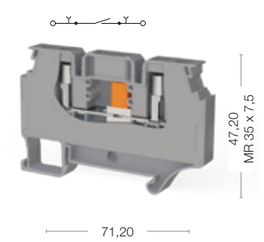
309 589
309 580

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	41	6 mm²	1000	41	6 mm²
UL	300	43	AWG 20-8	300	48	AWG 26-8
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-4 mm²			0,5-4 mm²		
AWG Conductor	AWG 24-8			AWG 24-8		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm		
Torque (min-max.)	0,8-1,2 Nm			0,8-1,0 Nm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
Ordering Data	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Without Socket - Beige / Grey	WGO 3/NM	309 529 - 520	50	WGO 4/NM	309 579 - 570	50
One Socket - Beige / Grey	WGO 3/NM	309 539 - 530	50			
Double Socket - Beige / Grey	WGO 3/NM	309 549 - 540	50			
One Test Socket - Beige / Grey	WGO 3/NM	309 559 - 550	50			
Double Test Socket - Beige / Grey	WGO 3/NM	309 569 - 560	50			
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/WGO 3/NM	351 369	25			
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	IZUK 6/2/NM	470 372	10	IZUK 6/2/NM	470 372	10
	IZUK 6/3/NM	470 373	10	IZUK 6/3/NM	470 373	10
	IZUK 6/4/NM	470 374	10	IZUK 6/4/NM	470 374	10
	IZUK 6/6/NM	470 376	10	IZUK 6/6/NM	470 376	10
	IZUK 6/10/NM	470 379	5	IZUK 6/10/NM	470 379	5
	WGO UAA	498 300	1			
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
 suitable for test socket types	TF (Ø4)	493 050	10	TF (Ø4)	493 050	10
Comb Connector	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO 6/2/NM	470 352	25	UK 6/2/NM	470 322	25
	TKO 6/3/NM	470 353	20	UK 6/3/NM	470 323	20
	TKO 6/4/NM	470 354	15	UK 6/4/NM	470 324	15
	TKO 6/10/NM	470 359	5	UK 6/10/NM	470 329	5
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5			1/B5		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 8x10, DG 10/8, SLF-P1 W		
Package Quantity						
	50 pcs.			50 pcs.		

WGO 6 Series "V0" Test / Disconnect Terminals

new WGO 6/NM

Width: 8 mm

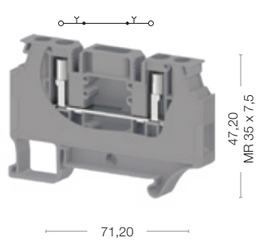


Cat No:

309 609
309 600

new WGO D6/NM

Width: 8 mm



Cat No:

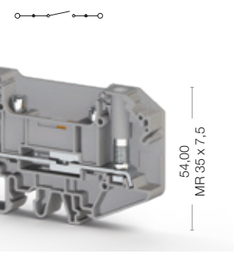
309 619
309 610

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm²	1000	41	6 mm²
UL	600	50	AWG 24-8	600	50	AWG 24-8
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-10 mm²			0,2-10 mm²		
Conductor cross section stranded (min.-max.)	0,2-10 mm²			0,2-10 mm²		
AWG Conductor	AWG 24-8			AWG 24-8		
Torque	0,8-1,0 Nm			0,8-1,0 Nm		
Hole Diameter	10 mm			10 mm		
Bolt Diameter	B5			B5		
Screwdriver	IKT 4 (0,8x4)			IKT 4 (0,8x4)		
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 6/2	470 122	25	CS 6/2	470 122	25
	CS 6/3	470 123	20	CS 6/3	470 123	20
	CS 6/4	470 124	15	CS 6/4	470 124	15
	CS 6/5	470 125	10	CS 6/5	470 125	10
	CS 6/10	470 129	5	CS 6/10	470 129	5
	SCS 6/2	470 172	25	SCS 6/2	470 172	25
	SCS 6/3	470 173	20	SCS 6/3	470 173	20
	SCS 6/4	470 174	15	SCS 6/4	470 174	15
Plastic Lock	**Type**	**Cat.No.**	**Qty.**			
 Grey	WGO 6_PK	469 079	50			
Orange	WGO 6_PK	469 077	50			
Coding Plastic	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
 Orange	WGO 6_KP	469 067	50	WGO 6_KP	469 067	50
Blue	WGO 6_KP	469 061	50	WGO 6_KP	469 061	50
Green	WGO 6_KP	469 062	50	WGO 6_KP	469 062	50
Yellow	WGO 6_KP	469 063	50	WGO 6_KP	469 063	50
Red	WGO 6_KP	469 064	50	WGO 6_KP	469 064	50
Black	WGO 6_KP	469 065	50	WGO 6_KP	469 065	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TFØ4	493 050	10	TFØ4	493 050	10
Cross Connection Holder	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	ATCS 6	499 559	20	ATCS 6	499 559	20
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D-NS 8x10, DG 10/8, SLF-P1 W			D-NS 8x10, DG 10/8, SLF-P1 W		
Package Quantity						
	50 pcs.			50 pcs.		

WGO PB Series "V0" Test / Disconnect Terminals

WGO PB 6/NM

Width: 11 mm

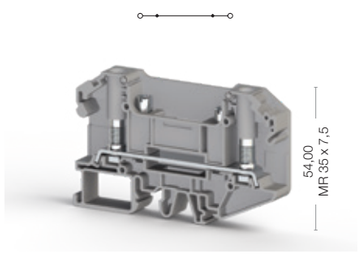


Cat No:

308 069
308 060

WGO PBD 6/NM

Width: 11 mm



Cat No:

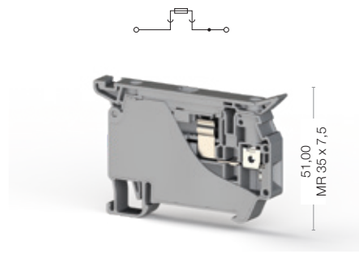
308 079
308 070

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm²	1000	41	6 mm²
UL	600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)						
CSA	600	45	AWG 22-8	600	45	AWG 22-8
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,5-6 mm²			0,5-6 mm²		
Conductor cross section stranded (min.-max.)	0,5-6 mm²			0,5-6 mm²		
AWG Conductor	AWG 22-8			AWG 22-8		
Torque	0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	4,2 mm			4,2 mm		
Bolt Diameter	4 mm			4 mm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/WGO PB 6	451 009	25	NPP/WGO PB 6	451 009	25
	APP/WGO PB 6	464 019	25	APP/WGO PB 6	464 019	25
Comb Connector/Ring Type	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO PB 6/2	479 002	25	TKO PB 6/2	479 002	25
	TKO PB 6/3	479 003	20	TKO PB 6/3	479 003	20
	TKO PB 6/4	479 004	15	TKO PB 6/4	479 004	15
	TKO PB 6/7	479 007	5	TKO PB 6/7	479 007	5
	TKO PB 6/10	479 009	5	TKO PB 6/10	479 009	5
Test Plug						
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W		
	25 pcs.			25 pcs.		

Screw Type "V0" Fuse Terminals

ASK 5/NM

Width: 8 mm

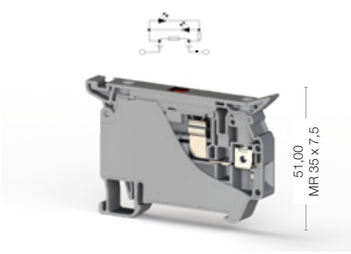


Cat No:

315 009

ASK 5 LD/NM

Width: 8 mm



Cat No:

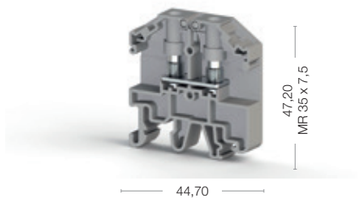
315 019

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm²		10	4 mm²
UL	300	10	AWG 26-10		10	AWG 26-10
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²		
AWG Conductor	AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	8-9 mm			8-9 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data				**Type**	**Cat.No.**	**Qty.**
				ASK 5 LD/NM 24V AC/DC	315 019	50
				ASK 5 LD /NM 110V AC/DC	315 029	50
				ASK 5 LD /NM 220V AC/DC	315 039	50
Push-in Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	UK 6/2/NM	470 322	25	UK 6/2/NM	470 322	25
	UK 6/3/NM	470 323	20	UK 6/3/NM	470 323	20
	UK 6/4/NM	470 324	15	UK 6/4/NM	470 324	15
	UK 6/10/NM	470 329	5	UK 6/10/NM	470 329	5
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20-5x25			G/5x20-5x25		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 8x10, DG 10/8		
Package Quantity						
	50 pcs.			50 pcs.		

PB Series "V0" Feed Through and Earth Terminals

PB 2,5/NM

Width: 9 mm

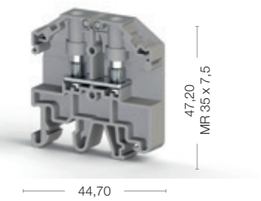


Cat No:

308 029

PB 2,5K/NM

Width: 9 mm

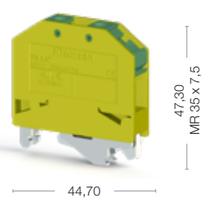


Cat No:

308 039

PB 2,5T/NM

Width: 10 mm

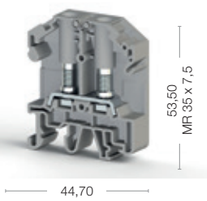


Cat No:

337 010

PB 6/NM

Width: 11 mm

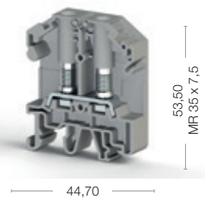


Cat No:

308 009

PB 6K/NM

Width: 11 mm



Cat No:

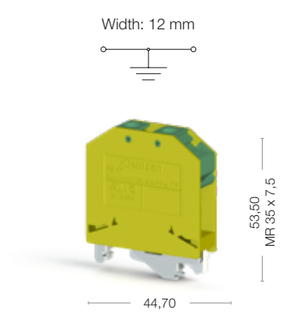
308 019

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm²	800	24	2,5 mm²					800	41	6 mm²	800	41	6 mm²
UL	600	20/15	AWG 26-14	600	20/15	AWG 26-14				AWG 26-14	600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)																
CSA	600	20/15	AWG 26-14	600	20/15	AWG 26-14				AWG 26-14	600	45	AWG 22-8	600	45	AWG 22-8
ATEX																
Connection Data																
Conductor cross section solid (min-max.)	0,1-2,5 mm²			0,1-2,5 mm²				0,1-2,5 mm²			0,5-6mm²			0,5-6mm²		
Conductor cross section stranded (min.-max.)	0,1-2,5 mm²			0,1-2,5 mm²				0,1-2,5 mm²			0,5-6 mm²			0,5-6 mm²		
AWG Conductor	AWG 26-14			AWG 26-14				AWG 26-14			AWG 22-8			AWG 22-8		
Torque (min-max.)	0,6-0,8 Nm			0,6-0,8 Nm				0,6-0,8 Nm			0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	3,2 mm			3,2 mm				3,2 mm			4,2 mm			4,2 mm		
Bolt Diameter	3,0 mm			3,0 mm				3,0 mm			4,0 mm			4,0 mm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
Rail Tightening torque, min-max.								0,4-0,6 Nm								
End Plate - Disconnect Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**					**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/PB 2,5/NM	451 029	25	NPP/PB 2,5/NM	451 029	25					NPP / PB 6/NM	451 019	25	NPP / PB 6/NM	451 019	25
	APP/PB 2,5-6/NM	464 009	25	APP/PB 2,5-6/NM	464 009	25					APP / PB 2,5-6/NM	464 009	25	APP / PB 2,5-6/NM	464 009	25
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**					**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TKO PB 2,5/2	479 012	25	TKO PB 2,5/2	479 012	25					TKO- PB 6/2	479 002	25	TKO- PB 6/2	479 002	25
	TKO PB 2,5/3	479 013	20	TKO PB 2,5/3	479 013	20					TKO- PB 6/3	479 003	20	TKO- PB 6/3	479 003	20
	TKO PB 2,5/4	479 014	15	TKO PB 2,5/4	479 014	15					TKO- PB 6/4	479 004	15	TKO- PB 6/4	479 004	15
	TKO PB 2,5/7	479 017	5	TKO PB 2,5/7	479 017	5					TKO- PB 6/7	479 007	5	TKO- PB 6/7	479 007	5
	TKO PB 2,5/10	479 019	5	TKO PB 2,5/10	479 019	5					TKO- PB 6/10	479 009	5	TKO- PB 6/10	479 009	5
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
				TF (Ø2,3)	493 023	5								TF (Ø4)	493 050	10
Technical Data																
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA				1/NA			1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			DN_S 8x10, DG 10/8			DN_S 8x10, DG 10/8		
Package Quantity																
	45 pcs.			45 pcs.				45 pcs.			40 pcs.			40 pcs.		

PB Series "V0" Feed Through and Earth Terminals

PB 6 T/NM

Width: 12 mm

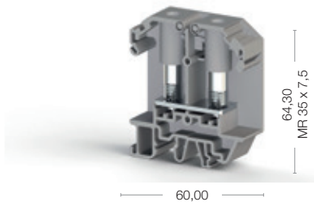


Cat No:

337 000

PB 25/NM (M5)

Width: 18 mm

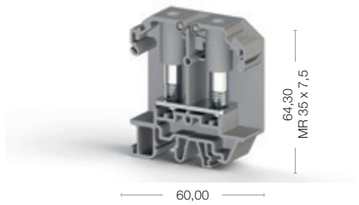


Cat No:

308 049

PB 25/NM (M6)

Width: 18 mm



Cat No:

308 059

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)			6 mm²	800	101	25 mm²		800	101	25 mm²
UL			AWG 22-8	600	115/85	AWG 26-4		600	115/85	AWG 26-4
VDE (IEC 60947-7-1)										
CSA			AWG 22-8	600	115/85	AWG 26-4		600	115/85	AWG 26-4
ATEX										
Connection Data										
Conductor cross section solid (min-max.)	0,5-6 mm²			1,5-25 mm²				1,5-25 mm²		
Conductor cross section stranded (min.-max.)	0,5-6 mm²			1,5-25 mm²				1,5-25 mm²		
AWG Conductor	AWG 22-8			AWG 26-4				AWG 16-4		
Torque (min-max.)	0,8-1,2 Nm			3-3,5 Nm				3,2-3,7 Nm		
Hole Diameter	4 mm			5,2 mm				6,2 mm		
Bolt Diameter	4,0 mm			5,0 mm				6,0 mm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)				IKT 5 (1,0x5,5)		
Rail Tightening torque, min-max.	0,6-08 Nm									
End Plate - Disconnect Plate				**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
				NPP PB 25/NM	451 039	25		NPP PB 25/NM	451 039	25
				APP PB 25/NM	464 019	25		APP PB 25/NM	464 019	25
Comb Connector										
Cross Connection				**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**
				TKO PB 25/2	479 022	25		TKO PB 25/2	479 022	25
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA				1/NA		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE				IP 20 / PE		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10				D_NS 10x10, DG 10/10		
Package Quantity										
	40 pcs.			10 pcs.				10 pcs.		

SRD Series Terminals

new

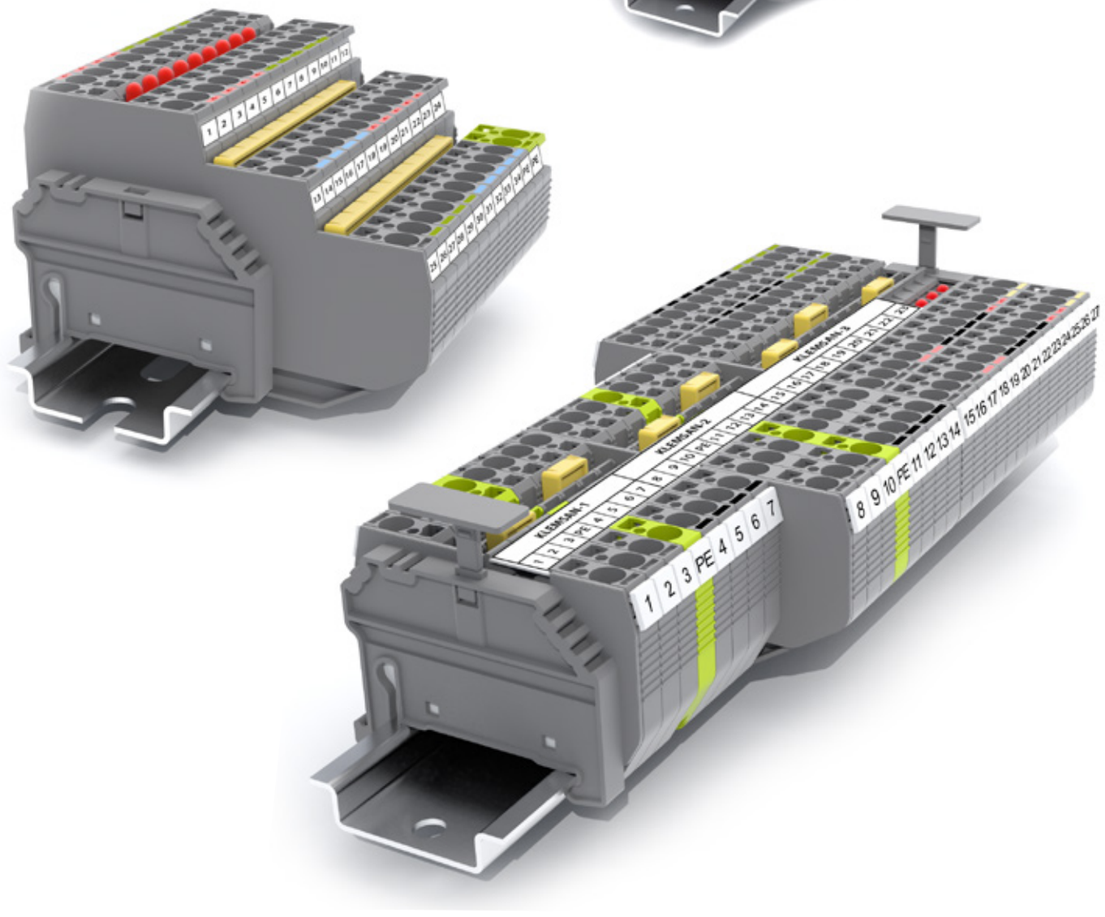
V0 material

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3

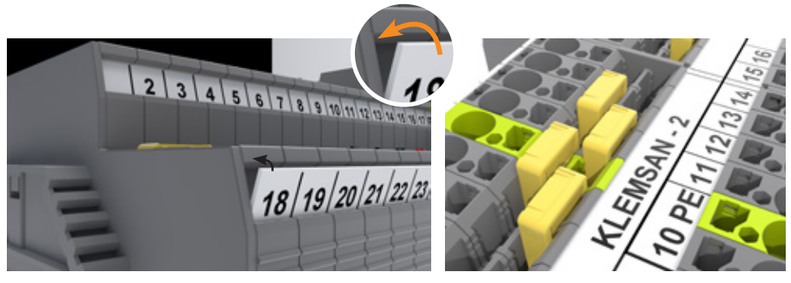
Thanks to new ergonomical design and used push-in cross connections, SRD Series have quicker and easier rail mounting advantages compared with YBK series.

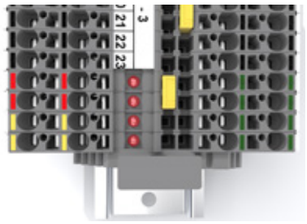
You can select special types SRD Series terminals (such as Led, Diods… etc) from the range for your various applications.





SRD Series can be marked with marking strips, printed with thermal transfer printers. Single floor terminals can be marked with 11.2 mm strip labels, and double floor terminals can be marked with 4.9 mm strip labels.



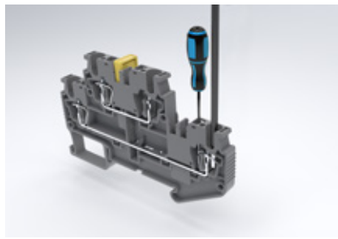


(Green +) and (Red -) : ..V/DC and Diode Version

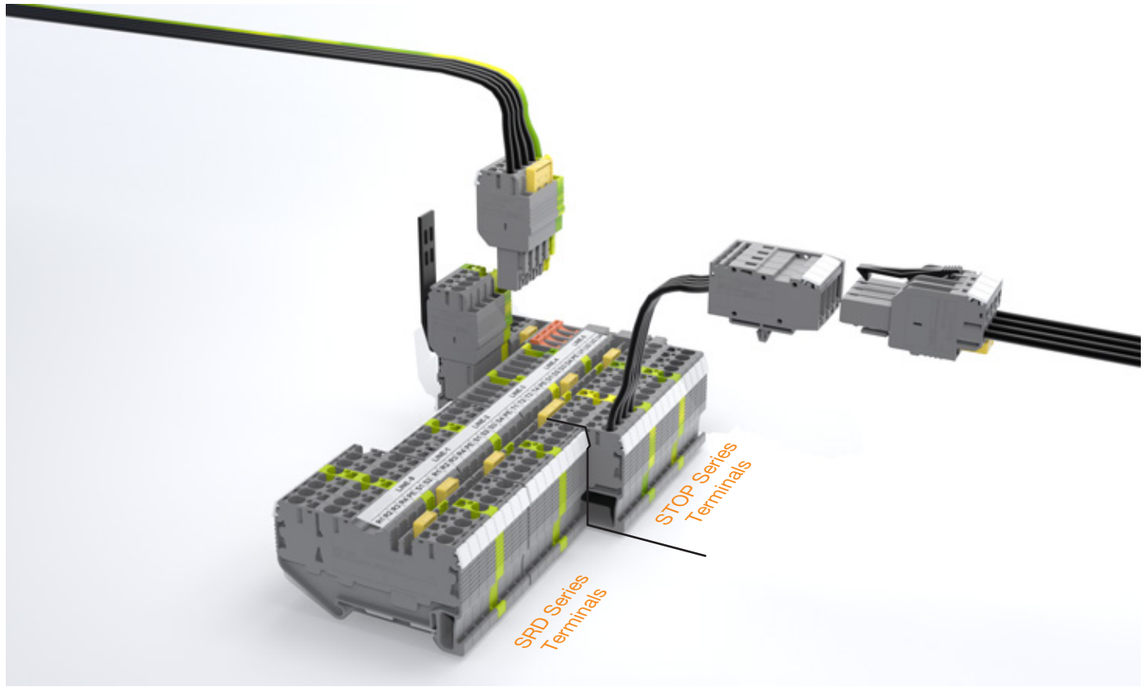
(Blue) : Neutral Connections

(Black) : Combined Connections

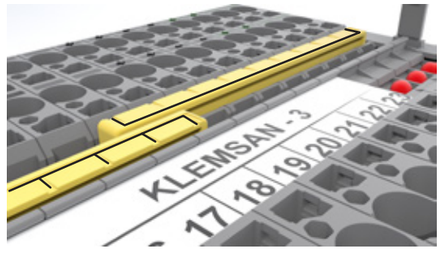
(Yellow) : Combined Connections

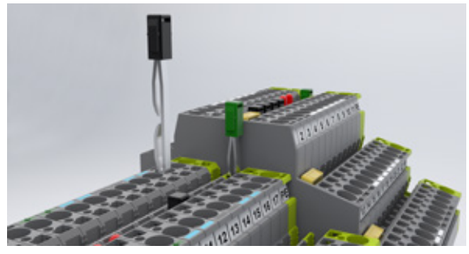


Wire Assembly for Terminals:
Wires can be assembled quickly and easily by openning the spring cage with suitable screwdriver







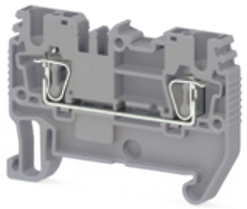


Cross Connection:
Thanks to dual cross connection ability, user can make continous cross connections. Same cross connections can be used together with STOP series even on same din rail Project. You can use permanent markers to indicate poles on cross-connectors.

SRD 2,5

new SRD 2,5

Width: 5,2 mm

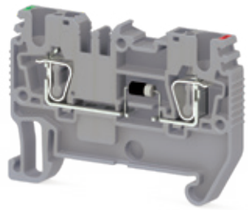


Cat No:

311 059
311 050

new SRD 2,5 D-A

Width: 5,2 mm

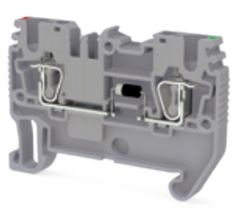


Cat No:

311 069
311 060

new SRD 2,5 D-B

Width: 5,2 mm

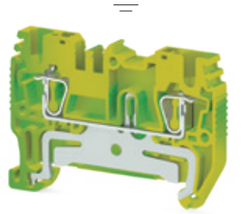


Cat No:

311 079
311 070

new SRD 2,5 T

Width: 5,2 mm



Cat No:

337 120

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm ²
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm ²
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Voltage, V ~	Current, A	Cross-Section

Connection Data			
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage		1000V	1000V	
Diode Current		1 A	1 A	
Diod		1 N 4007	1 N 4007	

End Plate



Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 052T	50

Partition Plate



Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Test Plug



Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Cross Connection



Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

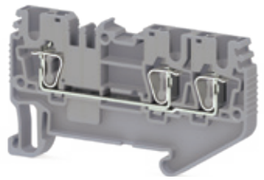
Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W
Package Quantity	50	50	50	50

SRD 2,5 E

new SRD 2,5 E

Width: 5,2 mm

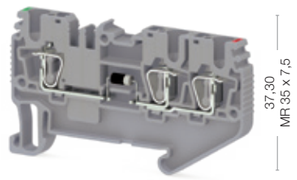


Cat No:

311 089
311 080

new SRD 2,5 ED-A

Width: 5,2 mm

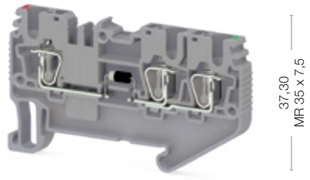


Cat No:

311 099
311 090

new SRD 2,5 ED-B

Width: 5,2 mm

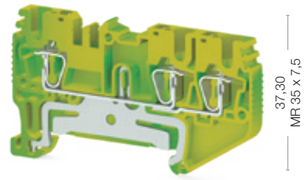


Cat No:

311 109
311 100

new SRD 2,5 ET

Width: 5,2 mm



Cat No:

337 130

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm ²

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm ²

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section

Connection Data				
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage		1000V	1000V	
Diode Current		1 A	1 A	
Diod		1 N 4007	1 N 4007	

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 152T	50

Partition Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50

Test Plug	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W

Package Quantity				
	50	50	50	50

SRD 2,5 C

new SRD 2,5 C

Width: 5,2 mm

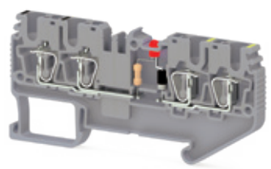


Cat No:

311 119
311 110

new SRD 2,5 CLD-24VAC

Width: 5,2 mm



Cat No:

311 169
311 160

new SRD 2,5 Cx2

Width: 5,2 mm

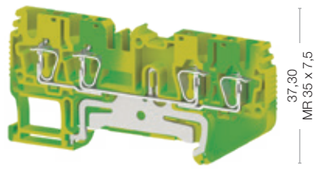


Cat No:

311 149
311 140

new SRD 2,5 CT

Width: 5,2 mm



Cat No:

337 140

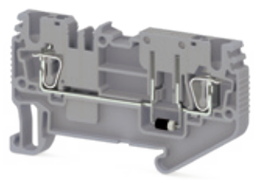
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	24	2,5 mm ²	24	24	2,5 mm ²	500	24	2,5 mm ²			
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode												
Diode Reverse Voltage				1000V								
Diode Current				1 A								
Diod				1 N 4007								
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2,5C	451 189	50	NPP/SRD 2,5C	451 059	50	NPP/SRD 2,5C	451 189	50	NPP/SRD 2,5C	451 182T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 2,5C	464 119	50	APP/SRD 2,5C	464 029	50	APP/SRD 2,5C	464 119	50	APP/SRD 2,5C	464 119	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**			
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25			
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20			
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15			
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10			
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5			
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10			
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/PE		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W		
Package Quantity												
	50			50			50			50		

SRD 2,5 CLD-..... Ordering Data		
24VDC	Gray	311 159
	Beige	311 150
48VAC	Gray	311 189
	Beige	311 180
48VDC	Gray	311 179
	Beige	311 170
110VAC	Gray	311 209
	Beige	311 200
110VDC	Gray	311 199
	Beige	311 190
220VAC	Gray	311 229
	Beige	311 220
220VDC	Gray	311 219
	Beige	311 210

SRD 2,5 A

new SRD 2,5 AD-A

Width: 5,2 mm

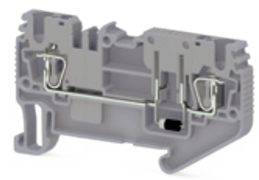


Cat No:

311 249
311 240

new SRD 2,5 AD-B

Width: 5,2 mm



Cat No:

311 259
311 250

new SRD 2,5 A

Width: 5,2 mm

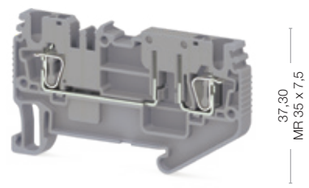


Cat No:

311 239
311 230

new SRD 2,5 AK

Width: 5,2 mm



Cat No:

311 269
311 260

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²	500	1	2,5 mm ²	500	20	2,5 mm ²	500	24	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.								
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode												
Diode Reverse Voltage	1000V			1000V								
Diode Current	1 A			1 A								
Diod	1 N 4007			1 N 4007								
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 159	50	NPP/SRD 2,5E	451 159	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50	APP/SRD 2,5E	464 079	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**			
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/NA		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W		
Package Quantity												
	50			50			50			50		

SRD 2,5 EA

new SRD 2,5 EA

Width: 5,2 mm

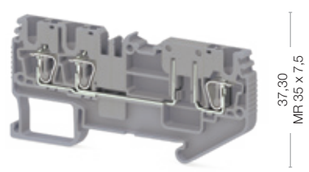


Cat No:

311 279
311 270

new SRD 2,5 EAK

Width: 5,2 mm

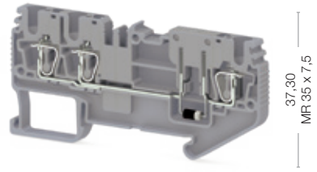


Cat No:

311 309
311 300

new SRD 2,5 EAD-A

Width: 5,2 mm

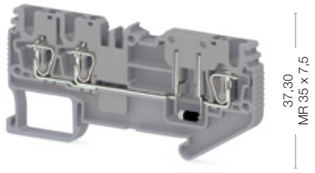


Cat No:

311 289
311 280

new SRD 2,5 EAD-B

Width: 5,2 mm



Cat No:

311 299
311 290

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data			
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage			1000V	1000V
Diode Current			1 A	1 A
Diod			1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5C	451 189	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5C	451 189	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5C	451 189	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5C	451 189	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5C	464 119	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5C	464 119	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5C	464 119	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5C	464 119	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection			
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W

Package Quantity				
	50	50	50	50

SRD 2,5 CA

new SRD 2,5 CA

Width: 5,2 mm

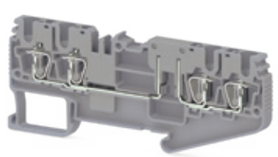


Cat No:

311 319
311 310

new SRD 2,5 CAK

Width: 5,2 mm

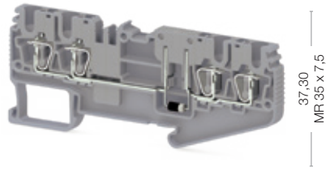


Cat No:

311 349
311 340

new SRD 2,5 CAD-A

Width: 5,2 mm

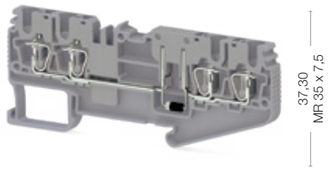


Cat No:

311 329
311 320

new SRD 2,5 CAD-B

Width: 5,2 mm



Cat No:

311 339
311 330

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data				
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage		1000V	1000V	1000V
Diode Current		1 A	1 A	1 A
Diod		1 N 4007	1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5CA	451 169	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5CA	451 169	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5CA	451 169	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5CA	451 169	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5CA	464 089	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5CA	464 089	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5CA	464 089	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5CA	464 089	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

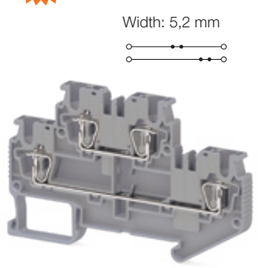
Cross Connection			
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W
Package Quantity	50	50	50	50

SRD 2,5-2F

new SRD 2,5-2F

Width: 5,2 mm

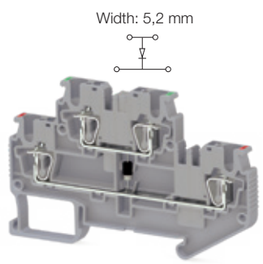


Cat No:

311 359
311 350

new SRD 2,5-2FD-A

Width: 5,2 mm

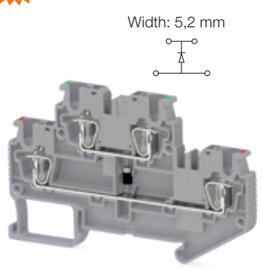


Cat No:

311 369
311 360

new SRD 2,5-2FD-B

Width: 5,2 mm

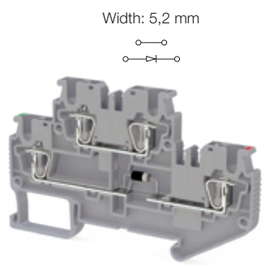


Cat No:

311 379
311 370

new SRD 2,5-2FD-L

Width: 5,2 mm

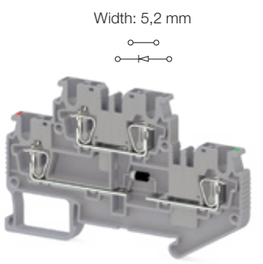


Cat No:

311 499
311 490

new SRD 2,5-2FD-R

Width: 5,2 mm



Cat No:

311 389
311 380

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm ²

The max. current is determined by the diode.
Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm ²

The max. current is determined by the diode.
Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section
500	24/1	

The max. current is determined by the diode.
Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section
500	24/1	

The max. current is determined by the diode.
Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Connection Data				
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage		1000V	1000V	1000V
Diode Current		1 A	1 A	1 A
Diod		1 N 4007	1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Type	Cat.No.	Qty.
NPP/SRD 2,5_2F	451 079	50

Type	Cat.No.	Qty.
NPP/SRD 2,5_2F	451 079	50

Type	Cat.No.	Qty.
NPP/SRD 2,5_2F	451 079	50

Type	Cat.No.	Qty.
NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Type	Cat.No.	Qty.
APP/SRD 2,5_2F	464 069	50

Type	Cat.No.	Qty.
APP/SRD 2,5_2F	464 069	50

Type	Cat.No.	Qty.
APP/SRD 2,5_2F	464 069	50

Type	Cat.No.	Qty.
APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

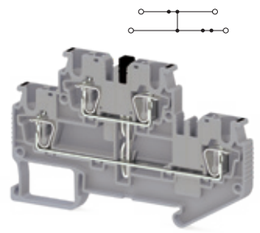
Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W
Package Quantity	50	50	50	50

SRD 2,5-2F

new SRD 2,5-2FK

Width: 5,2 mm

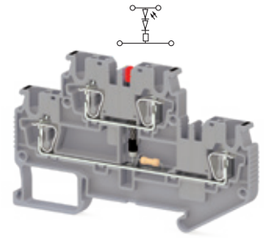


Cat No:

311 519
311 510

new SRD 2,5-2FLD-24VAC

Width: 5,2 mm

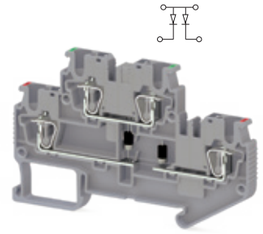


Cat No:

311 409
311 400

new SRD 2,5-F2D-A

Width: 5,2 mm

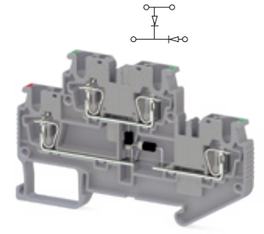


Cat No:

311 479
311 470

new SRD 2,5-F2D-B

Width: 5,2 mm



Cat No:

311 489
311 480

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	24	2,5 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data			
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)	KT1 (0,4x2,5)
Technical Data For Diode				
Diode Reverse Voltage			1000V	1000V
Diode Current			1 A	1 A
Diod			1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

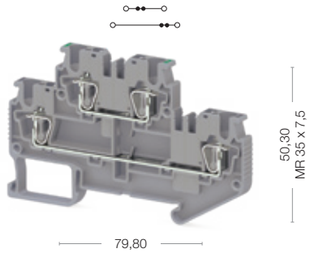
Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W
Package Quantity	50	50	50	50

SRD 2,5-2FLD-..... Ordering Data		
24VDC	Gray	311 399
	Beige	311 390
48VAC	Gray	311 429
	Beige	311 420
48VDC	Gray	311 419
	Beige	311 410
110VAC	Gray	311 449
	Beige	311 440
110VDC	Gray	311 439
	Beige	311 430
220VAC	Gray	311 469
	Beige	311 460
220VDC	Gray	311 459
	Beige	311 450

SRD 2,5-2F
SRD 2,5-FT

new SRD 2,5-FN

Width: 5,2 mm

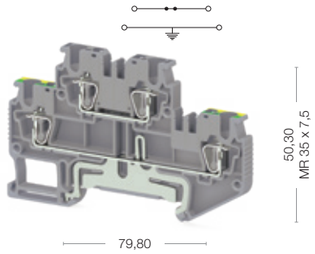


Cat No:

311 509
311 500

new SRD 2,5-FT

Width: 5,2 mm

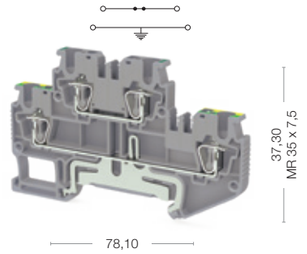


Cat No:

311 529
311 520

new SRD 2,5-NT

Width: 5,2 mm

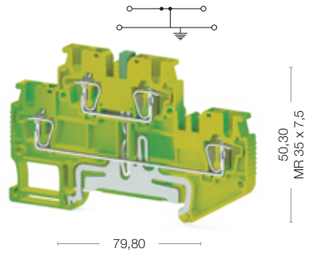


Cat No:

311 539
311 530

new SRD 2,5-2T

Width: 5,2 mm



Cat No:

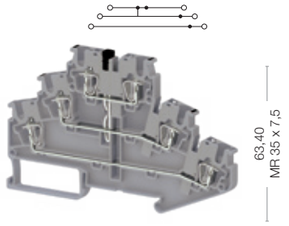
337 150

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²	500	24	2,5 mm ²	500	24	2,5 mm ²			
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode												
Diode Reverse Voltage												
Diode Current												
Diod												
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2,5_2F	451 079	50	NPP/SRD 2,5_2F	451 079	50	NPP/SRD 2,5F	451 079	50	NPP/SRD 2,5	451 072T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 2,5_2F	464 069	50	APP/SRD 2,5_2F	464 069	50	APP/SRD 2,5F	464 069	50	APP/SRD 2,5	464 029	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/5	470 104	15
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/PE			IP20/PE			IP20/PE		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W		
Package Quantity												
	50			50			50			50		

SRD 2,5-3F

new SRD 2,5-2KF

Width: 5,2 mm

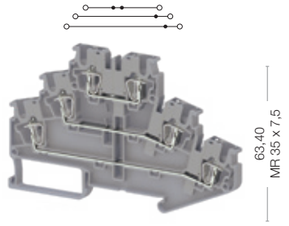


Cat No:

311 569
311 560

new SRD 2,5-3F

Width: 5,2 mm

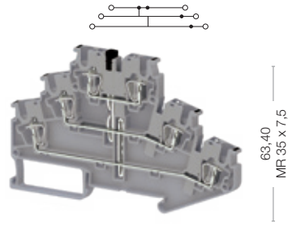


Cat No:

311 549
311 540

new SRD 2,5-3FK

Width: 5,2 mm

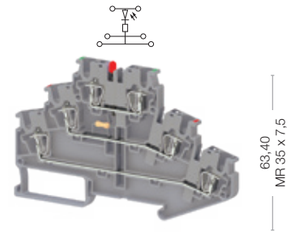


Cat No:

311 559
311 550

new SRD 2,5-3FLD-24VDC

Width: 5,2 mm



Cat No:

311 579
311 570

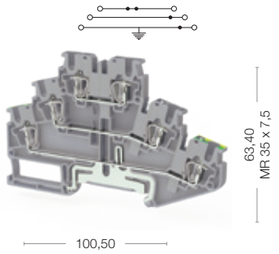
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²	500	24	2,5 mm ²	500	24	2,5 mm ²	24	24	2,5 mm ²
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode												
Diode Reverse Voltage												
Diode Current												
Diod												
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2.5_3F	451 109	50	NPP/SRD 2,5_3F	451 109	50	NPP/SRD 2,5_3F	451 109	50	NPP/SRD 2,5_3F	451 109	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
												
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**			
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/NA		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W		
Package Quantity												
	50			50			50			50		

SRD 2,5 CLD-..... Ordering Data		
48VDC	Gray	311 589
	Beige	311 580
110VDC	Gray	311 599
	Beige	311 590
200VDC	Gray	311 609
	Beige	311 600

SRD 2,5-2FT

new SRD 2,5-2FT

Width: 5,2 mm

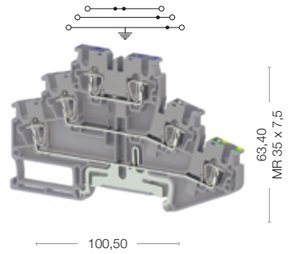


Cat No:

311 619
311 610

new SRD 2,5-NFT

Width: 5,2 mm

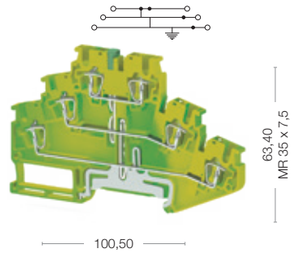


Cat No:

311 669
311 660

new SRD 2,5-3T

Width: 5,2 mm



Cat No:

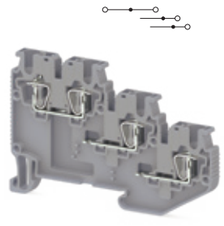
337 160

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm ²	500	24	2,5 mm ²			
UL									
VDE (IEC 60947-7-1)									
CSA									
ATEX									
Connection Data									
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode									
Diode Reverse Voltage									
Diode Current									
Diod									
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2,5_3F	451 109	50	NPP/SRD 2,5_3F	451 109	50	NPP/SRD 2,5_3F	451 102T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25			
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20			
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15			
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10			
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5			
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10			
Technical Data									
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/PE			IP20/PE			IP20/PE		
Marking Tags (Dekafix)									
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W		
Package Quantity									
	50			50			50		

SRD 3 S

new SRD 2,5-3S

Width: 5,2 mm

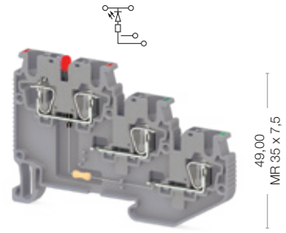


Cat No:

311 629
311 620

new SRD 2,5-3SLD-NPN

Width: 5,2 mm

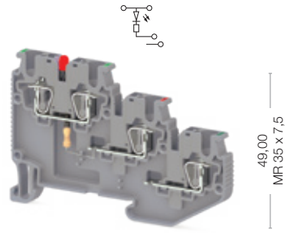


Cat No:

311 639
311 630

new SRD 2,5-3SLD-PNP

Width: 5,2 mm

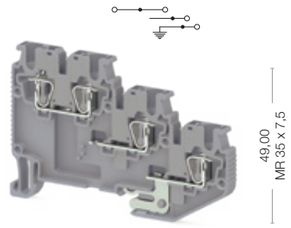


Cat No:

311 649
311 640

new SRD 2,5-2ST

Width: 5,2 mm



Cat No:

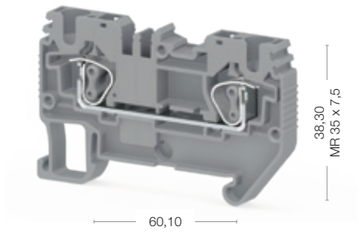
311 659
311 650

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	250	24	2,5 mm ²	24	24	2,5 mm ²	24	24	2,5 mm ²	250	24	2,5 mm ²
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Technical Data For Diode												
Diode Reverse Voltage												
Diode Current												
Diod												
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 2,5-3S	451 179	50	NPP/SRD 2,5-3S	451 179	50	NPP/SRD 2,5-3S	451 179	50	NPP/SRD 2,5-3S	451 179	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
												
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10	CS 2,5/20	470 170	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/NA		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W		
Package Quantity												
	50			50			50			50		

SRD 4

new SRD 4

Width: 6,2 mm

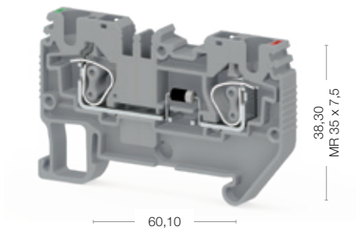


Cat No:

311 679
311 670

new SRD 4 D-A

Width: 6,2 mm

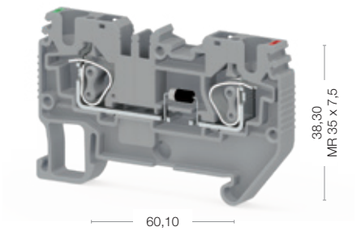


Cat No:

311 689
311 680

new SRD 4 D-B

Width: 6,2 mm

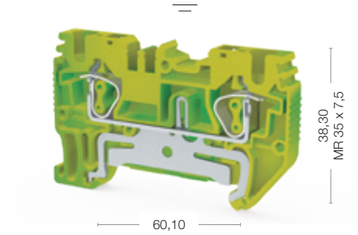


Cat No:

311 699
311 690

new SRD 4 T

Width: 6,2 mm



Cat No:

337 170

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	32	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data			
Conductor cross section solid (min-max.)	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²	1 mm²	1 mm²	1 mm²
AWG Conductor	28-10	28-10	28-10	28-10
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)

Technical Data For Diode				
Diode Reverse Voltage	1000V	1000V	1000V	
Diode Current	1 A	1 A	1 A	
Diod	1 N 4007	1 N 4007	1 N 4007	

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4	451 239	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4	451 239	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4	451 239	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4	451 232T	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4	464 149	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4	464 149	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4	464 149	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4	464 149	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

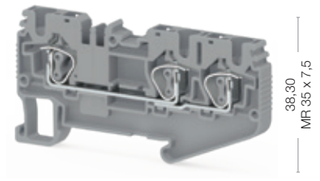
Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W

Package Quantity				
	50	50	50	50

SRD 4 E

SRD 4 E

Width: 6,2 mm

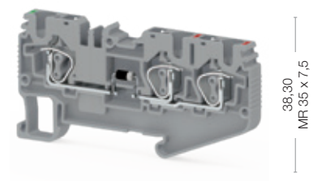


Cat No:

311 709
311 700

SRD 4 ED-A

Width: 6,2 mm

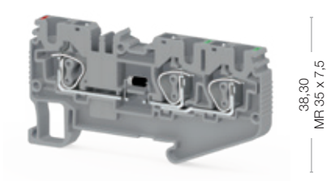


Cat No:

311 719
311 710

SRD 4 ED-B

Width: 6,2 mm

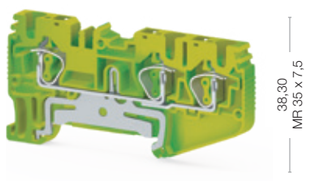


Cat No:

311 729
311 720

SRD 4 ET

Width: 6,2 mm



Cat No:

337 180

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	32	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm ²

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm ²

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Voltage, V ~	Current, A	Cross-Section

Connection Data				
Conductor cross section solid (min-max.)	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²	1 mm²	1 mm²	1 mm²
AWG Conductor	28-10	28-10	28-10	28-10
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10	8-10
Screwdriver	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)
Technical Data For Diode				
Diode Reverse Voltage		1000V	1000V	
Diode Current		1 A	1 A	
Diod		1 N 4007	1 N 4007	

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/SRD 4	451 239	50	NPP/SRD 4E	451 199	50	NPP/SRD 4E	451 199	50	NPP/SRD 4E	451 192T	50

Partition Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	APP/SRD 4	464 149	50	APP/SRD 4E	464 129	50	APP/SRD 4E	464 129	50	APP/SRD 4E	464 129	50

Test Plug	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	CS 4/2	470 112	25	CS 4/2	470 112	25	CS 4/2	470 112	25			
	CS 4/3	470 113	20	CS 4/3	470 113	20	CS 4/3	470 113	20			
	CS 4/4	470 114	15	CS 4/4	470 114	15	CS 4/4	470 114	15			
	CS 4/5	470 115	10	CS 4/5	470 115	10	CS 4/5	470 115	10			
	CS 4/10	470 119	5	CS 4/10	470 119	5	CS 4/10	470 119	5			
	CS 4/20	470 180	10	CS 4/20	470 180	10	CS 4/20	470 180	10			

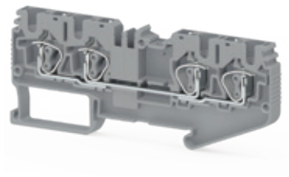
Technical Data				
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA	IP20/PE
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W

Package Quantity				
	50	50	50	50

SRD 4 C

new SRD 4 C

Width: 6,2 mm



Cat No:

311 739
311 730

new SRD 4 CD-A

Width: 6,2 mm



Cat No:

311 749
311 740

new SRD 4 CD-B

Width: 6,2 mm



Cat No:

311 759
311 750

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	32	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data			
Conductor cross section solid (min-max.)	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²	1 mm²	1 mm²
AWG Conductor	28-10	28-10	28-10
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10
Screwdriver	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)

Technical Data For Diode			
Diode Reverse Voltage		1000V	1000V
Diode Current		1 A	1 A
Diod		1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4C	451 209	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4C	451 209	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4C	451 209	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

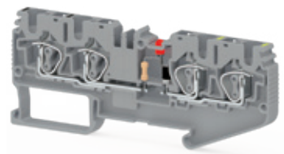
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W

Package Quantity			
	50	50	50

SRD 4 CLD

new SRD 4 CLD-24VAC

Width: 6,2 mm



Cat No:

311 789
311 780

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	32	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	
Diode Current	
Diod	

SRD 4 CLD-..... Ordering Data		
24VDC	Gray	311 779
	Beige	311 770
48VAC	Gray	311 809
	Beige	311 800
48VDC	Gray	311 799
	Beige	311 790
110VAC	Gray	311 829
	Beige	311 820
110VDC	Gray	311 819
	Beige	311 810
220VAC	Gray	311 849
	Beige	311 840
220VDC	Gray	311 839
	Beige	311 830

End Plate



Type	Cat.No.	Qty.
NPP/SRD 4C	451 209	50

Partition Plate



Type	Cat.No.	Qty.
APP/SRD 4C	464 139	50

Test Plug



Type	Cat.No.	Qty.
TF Ø2	493 020	5

Cross Connection



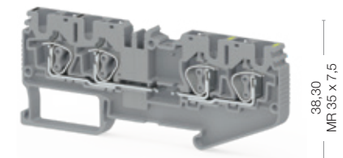
Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

new SRD 4 Cx2

Width: 6,2 mm



Cat No:

311 769
311 760

Voltage, V ~	Current, A	Cross-Section
400	32	4 mm ²

0,08 -6 mm²
0,14 - 4 mm²
1 mm²
28-10
8-10
KT3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP/SRD 4C	451 209	50

Type	Cat.No.	Qty.
APP/SRD 4C	464 139	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

8/3
1/A3
IP20/NA
D_NS 6,2x6, SLF-P1 W

50

new SRD 4 CT

Width: 6,2 mm



Cat No:

337 190

Voltage, V ~	Current, A	Cross-Section

0,08 -6 mm²
0,14 - 4 mm²
1 mm²
28-10
8-10
KT3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP/SRD 24C	451 202T	50

Type	Cat.No.	Qty.
APP/SRD 4C	464 139	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

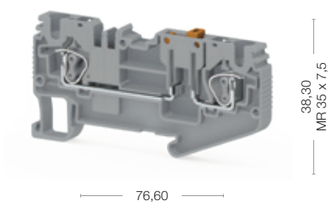
8/3
1/A3
IP20/PE
D_NS 6,2x6, SLF-P1 W

50

SRD 4 A

new SRD 4 A

Width: 6,2 mm

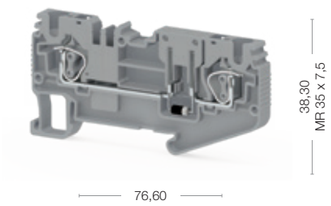


Cat No:

311 869
311 860

new SRD 4 AD-A

Width: 6,2 mm

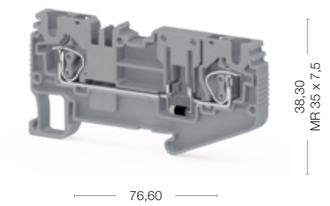


Cat No:

311 879
311 870

new SRD 4 AD-B

Width: 6,2 mm

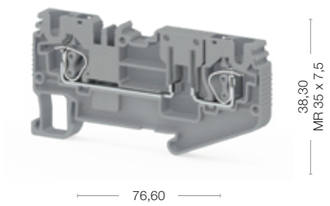


Cat No:

311 889
311 880

new SRD 4 AK

Width: 6,2 mm



Cat No:

311 899
311 890

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data			
Conductor cross section solid (min-max.)	0,08 -6 mm²	0,08 -6 mm²	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²	0,14 - 4 mm²	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²	1 mm²	1 mm²
AWG Conductor	28-10	28-10	28-10
Insulation Stripping Length (min.-max.)	8-10	8-10	8-10
Screwdriver	KT3 (0,6x3,5)	KT3 (0,6x3,5)	KT3 (0,6x3,5)

Technical Data For Diode			
Diode Reverse Voltage		1000V	1000V
Diode Current		1 A	1 A
Diod		1 N 4007	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Cross Connection			
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

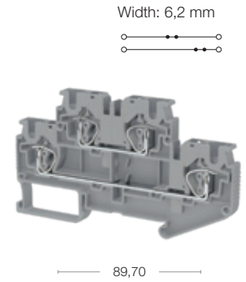
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA	IP20/NA
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W	D_NS 6,2x6, SLF-P1 W

Package Quantity			
	50	50	50

SRD 4-2F

new SRD 4-2F

Width: 6,2 mm



Cat No:

311 909
311 900

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	32	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	
Diode Current	
Diod	

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

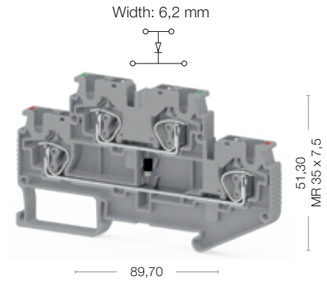
Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

new SRD 4-2FD-A

Width: 6,2 mm



Cat No:

311 919
311 910

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

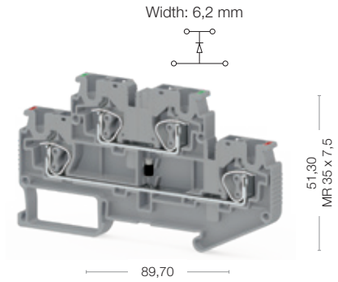
Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

new SRD 4-2FD-B

Width: 6,2 mm



Cat No:

311 929
311 920

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

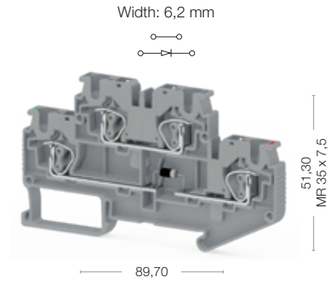
Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

new SRD 4-2FD-L

Width: 6,2 mm



Cat No:

312 049
312 040

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

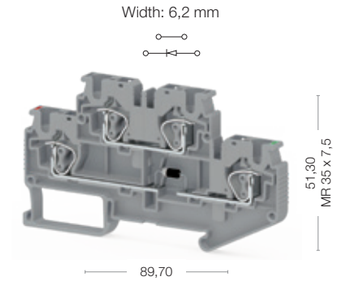
Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

new SRD 4-2FD-R

Width: 6,2 mm



Cat No:

311 939
311 930

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm ²
UL	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

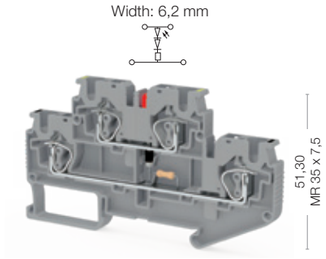
Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

SRD 4-2F

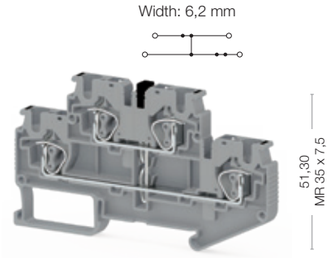
new SRD 4-2FLD-24VAC



Cat No:

311 959
311 950

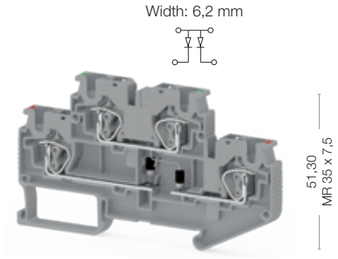
new SRD 4-2FK



Cat No:

312 069
312 060

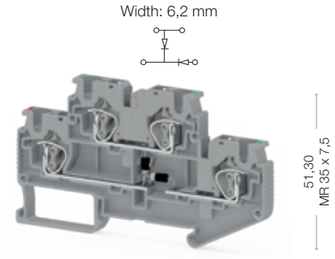
new SRD 4-F2D-A



Cat No:

312 029
312 020

new SRD 4-F2D-B



Cat No:

312 039
312 030

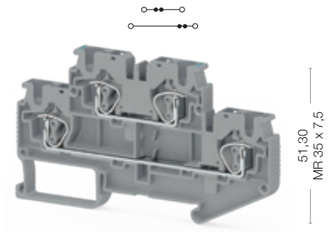
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	32	4 mm ²	500	32	4 mm ²		500	1	4 mm ²	500	1	4 mm ²
UL								The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
VDE (IEC 60947-7-1)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min-max.)	0,08 -6 mm²			0,08 -6 mm²				0,08 -6 mm²			0,08 -6 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²			0,14 - 4 mm²				0,14 - 4 mm²			0,14 - 4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²				1 mm²			1 mm²		
AWG Conductor	28-10			28-10				28-10			28-10		
Insulation Stripping Length (min.-max.)	8-10			8-10				8-10			8-10		
Screwdriver	KT3 (0,6x3,5)			KT3 (0,6x3,5)				KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Technical Data For Diode													
Diode Reverse Voltage								1000V			1000V		
Diode Current								1 A			1 A		
Diod								1 N 4007			1 N 4007		
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 4_2F	451 219	50	NPP/SRD 4_2F	451 219	50		NPP/SRD 4_2F	451 219	50	NPP/SRD 4_2F	451 219	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 4_2F	464 159	50	APP/SRD 4_2F	464 159	50		APP/SRD 4_2F	464 159	50	APP/SRD 4_2F	464 159	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5		TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**		**Type**	**Cat.No.**	**Qty.**			
	CS 4/2	470 112	25	CS 4/2	470 112	25		CS 4/2	470 112	25	CS 4/2	470 112	25
	CS 4/3	470 113	20	CS 4/3	470 113	20		CS 4/3	470 113	20	CS 4/3	470 113	20
	CS 4/4	470 114	15	CS 4/4	470 114	15		CS 4/4	470 114	15	CS 4/4	470 114	15
	CS 4/5	470 115	10	CS 4/5	470 115	10		CS 4/5	470 115	10	CS 4/5	470 115	10
	CS 4/10	470 119	5	CS 4/10	470 119	5		CS 4/10	470 119	5	CS 4/10	470 119	5
	CS 4/20	470 180	10	CS 4/20	470 180	10		CS 4/20	470 180	10	CS 4/20	470 180	10
Technical Data													
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/NA				IP20/NA			IP20/NA		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W			D_NS 6,2x6, SLF-P2 W				D_NS 6,2x6, SLF-P2 W			D_NS 6,2x6, SLF-P2 W		
Package Quantity													
	50			50				50			50		

SRD 2,5-2FLD-..... Ordering Data		
24VDC	Gray	311 949
	Beige	311 940
48VAC	Gray	311 979
	Beige	311 970
48VDC	Gray	311 969
	Beige	311 960
110VAC	Gray	311 999
	Beige	311 990
110VDC	Gray	311 989
	Beige	311 980
220VAC	Gray	312 019
	Beige	312 010
220VDC	Gray	312 009
	Beige	312 000

SRD 4-2F
SRD 4-FT

new SRD 4-FN

Width: 6,2 mm

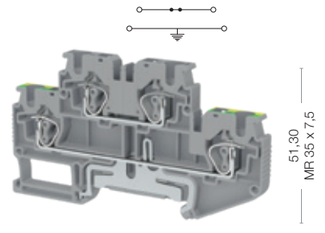


Cat No:

312 059
312 050

new SRD 4-FT

Width: 6,2 mm

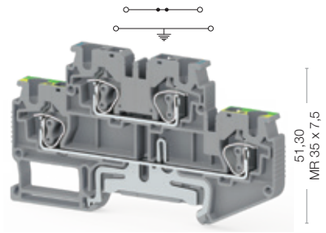


Cat No:

312 079
312 070

new SRD 4-NT

Width: 6,2 mm

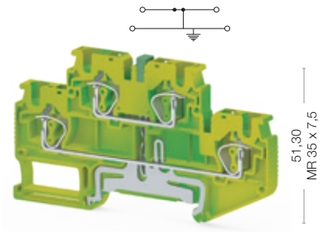


Cat No:

312 089
312 080

new SRD 4-2T

Width: 6,2 mm



Cat No:

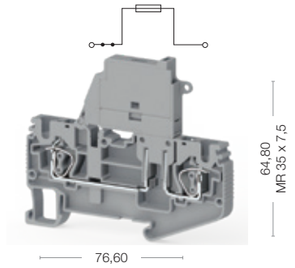
337 150

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	32	4 mm ²	500	32	4 mm ²	500	32	4 mm ²			
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,08 -6 mm²			0,08 -6 mm²			0,08 -6 mm²			0,08 -6 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²			0,14 - 4 mm²			0,14 - 4 mm²			0,14 - 4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²			1 mm²			1 mm²			1 mm²		
AWG Conductor	28-10			28-10			28-10			28-10		
Insulation Stripping Length (min.-max.)	8-10			8-10			8-10			8-10		
Screwdriver	KT3 (0,6x3,5)			KT3 (0,6x3,5)			KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Technical Data For Diode												
Diode Reverse Voltage												
Diode Current												
Diod												
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 4_2F	451 219	50	NPP/SRD 4_2F	451 219	50	NPP/SRD 4_2F	451 219	50	NPP/SRD 4-2F	451 212T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 4_2F	464 159	50	APP/SRD 4_2F	464 159	50	APP/SRD 4_2F	464 159	50	APP/SRD 4-2F	464 159	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5	TF Ø2	493 020	5
Cross Connection				**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	CS 4/2	470 112	25	CS 4/2	470 112	25	CS 4/2	470 112	25	CS 4/2	470 112	25
	CS 4/3	470 113	20	CS 4/3	470 113	20	CS 4/3	470 113	20	CS 4/3	470 113	20
	CS 4/4	470 114	15	CS 4/4	470 114	15	CS 4/4	470 114	15	CS 4/4	470 114	15
	CS 4/5	470 115	10	CS 4/5	470 115	10	CS 4/5	470 115	10	CS 4/5	470 115	10
	CS 4/10	470 119	5	CS 4/10	470 119	5	CS 4/10	470 119	5	CS 4/10	470 119	5
	CS 4/20	470 180	10	CS 4/20	470 180	10	CS 4/20	470 180	10	CS 4/20	470 180	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP20/NA			IP20/PE			IP20/PE			IP20/PE		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W			D_NS 6,2x6, SLF-P2 W			D_NS 6,2x6, SLF-P2 W			D_NS 6,2x6, SLF-P2 W		
Package Quantity												
	50			50			50			50		

SRD 4 S
SRD 4 SLD

new SRD 4S

Width: 6,2 mm

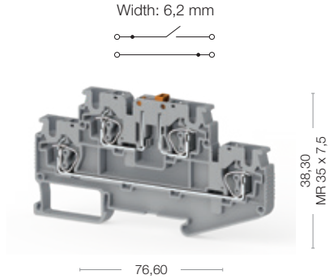


Cat No:

312 119
312 110

new SRD 4 AF

Width: 6,2 mm

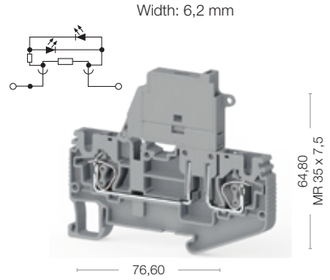


Cat No:

312 099
312 090

new SRD 4 SLD 24V AC/DC

Width: 6,2 mm



Cat No:

312 139
312 130

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	10	4 mm ²
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data		
Conductor cross section solid (min-max.)	0,08 -6 mm²	0,08 -6 mm²
Conductor cross section stranded (min.-max.)	0,14 - 4 mm²	0,14 - 4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm²	1 mm²
AWG Conductor	28-10	28-10
Insulation Stripping Length (min.-max.)	8-10	8-10
Screwdriver	KT3 (0,6x3,5)	KT3 (0,6x3,5)

Technical Data For Diode		
Diode Reverse Voltage		
Diode Current		
Diod		

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data		
Rated Impulse Voltage / Pollution severity	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3
Protection class / Protection conductor type	IP20/NA	IP20/NA
Marking Tags (Dekafix)		
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W	D_NS 6,2x6, SLF-P2 W

Package Quantity	
	50

Voltage, V ~	Current, A	Cross-Section
220	10	4 mm²

Type	Cat.No.	Qty.
KD3	495 049	100
KD4	495 059	100
KD8	495 229	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity	
	50

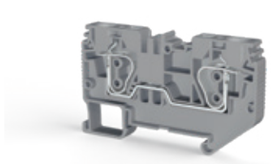
SRD 4 SLD -..... Ordering Data		
48V AC/DC	Gray	312 149
	Beige	312 140
110V AC/DC	Gray	312 159
	Beige	312 150
220V AC/DC	Gray	312 169
	Beige	312 160

SRD 6

SRD 6

new

Width: 8 mm



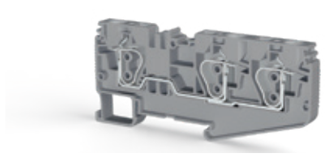
Cat No:

312 199
312 190

SRD 6 E

new

Width: 8 mm



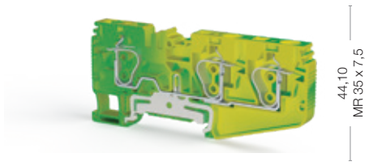
Cat No:

312 209
312 200

SRD 6 ET

new

Width: 8 mm



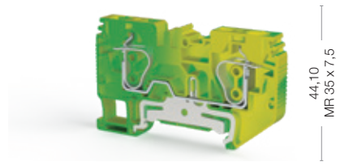
Cat No:

337 220

SRD 6 T

new

Width: 8 mm



Cat No:

337 210

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	1000	41	6 mm²	1000	41	6 mm²			6 mm²			6 mm²
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,2 -10 mm²			0,2 -10 mm²			0,2 -10 mm²			0,2 -10 mm²		
Conductor cross section stranded (min.-max.)	0,2 - 6 mm²			0,2 - 6 mm²			0,2 - 6 mm²			0,2 - 6 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,5 mm²			1,5 mm²			1,5 mm²			1,5 mm²		
AWG Conductor	24-8			24-8			24-8			24-8		
Insulation Stripping Length (min.-max.)	10-12			10-12			10-12			10-12		
Screwdriver	KTD 3 (0,6 x Ø3,5)			KTD 3 (0,6 x Ø3,5)			KTD 3 (0,6 x Ø3,5)			KTD 3 (0,6 x Ø3,5)		
End Block	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	KD3	495 049	100	KD3	495 049	100	KD3	495 049	100	KD3	495 049	100
	KD4	495 059	100	KD4	495 059	100	KD4	495 059	100	KD4	495 059	100
	KD7	495 210	50	KD7	495 210	50	KD7	495 210	50	KD7	495 210	50
	KD8	495 229	50	KD8	495 229	50	KD8	495 229	50	KD8	495 229	50
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 6	451 249	50	NPP/SRD 6 E	451 259	50	NPP/SRD 6 E	451 252T	50	NPP/SRD 6	451 252T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 6	464 179	50	APP/SRD 6 E	464 189	50	APP/SRD 6 E	464 189	50	APP/SRD 6	464 179	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**						
	CS 6/2	470 122	25	CS 6/2	470 122	25						
	CS 6/3	470 123	20	CS 6/3	470 123	20						
	CS 6/4	470 124	15	CS 6/4	470 124	15						
	CS 6/5	470 125	10	CS 6/5	470 125	10						
	CS 6/10	470 129	5	CS 6/10	470 129	5						
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5			1/A5			1/A5			1/A5		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/NA		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 8x6, SLF-P1 W			D_NS 8x6, SLF-P1 W			D_NS 8x6, SLF-P1 W			D_NS 8x6, SLF-P1 W		
Package Quantity												
	50			50			50			50		

Color

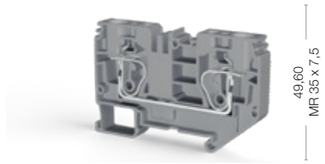
Color code is the last digit of the order number

Blue	1
Green	2
Yellow	3
Red	4
Black	5
White	6
Orange	7
Brown	8

SRD 10

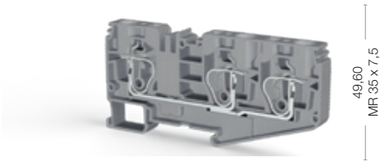
SRD 10

Width: 10 mm



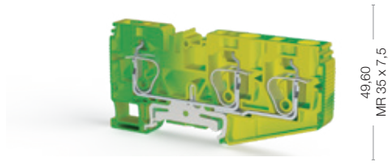
SRD 10 E

Width: 10 mm



SRD 10 ET

Width: 10 mm



SRD 10 T

Width: 10 mm



Electrical Ratings	Cat No: 312 219 / 312 210			Cat No: 312 229 / 312 220			Cat No: 337 240			Cat No: 337 230		
	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	1000	57	10 mm²	1000	57	10 mm²			10 mm²			10 mm²
UL												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min-max.)	0,2 -16 mm²			0,2 -16 mm²			0,2 -16 mm²			0,2 -16 mm²		
Conductor cross section stranded (min.-max.)	0,2 - 10 mm²			0,2 - 10 mm²			0,2 - 10 mm²			0,2 - 10 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	2,5 mm²			2,5 mm²			2,5 mm²			2,5 mm²		
AWG Conductor	24-6			24-6			24-6			24-6		
Insulation Stripping Length (min.-max.)	16-18			16-18			16-18			16-18		
Screwdriver	KTD 4 (0,8 x Ø4,0)			KTD 4 (0,8 x Ø4,0)			KTD 4 (0,8 x Ø4,0)			KTD 4 (0,8 x Ø4,0)		
End Block	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	KD3	495 049	100	KD3	495 049	100	KD3	495 049	100	KD3	495 049	100
	KD4	495 059	100	KD4	495 059	100	KD4	495 059	100	KD4	495 059	100
	KD7	495 210	50	KD7	495 210	50	KD7	495 210	50	KD7	495 210	50
	KD8	495 229	50	KD8	495 229	50	KD8	495 229	50	KD8	495 229	50
End Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	NPP/SRD 10	451 279	50	NPP/SRD 10 E	451 299	50	NPP/SRD 10 E	451 292T	50	NPP/SRD 10 E	451 292T	50
Partition Plate	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	APP/SRD 10	464 199	50	APP/SRD 10 E	464 219	50	APP/SRD 10 E	464 219	50	APP/SRD 10 E	464 219	50
Test Plug	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**
	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5
Cross Connection	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**	**Type**	**Cat.No.**	**Qty.**			
	CS 10/2	470 132	25	CS 10/2	470 132	25						
	CS 10/3	470 133	20	CS 10/3	470 133	20						
	CS 10/4	470 134	15	CS 10/4	470 134	15						
	CS 10/5	470 135	10	CS 10/5	470 135	10						
	CS 10/10	470 139	5	CS 10/10	470 139	5						
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A6			1/A6			1/A6			1/A6		
Protection class / Protection conductor type	IP20/NA			IP20/NA			IP20/NA			IP20/NA		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 10x6, SLF-P1 W			D_NS 10x6, SLF-P1 W			D_NS 10x6, SLF-P1 W			D_NS 10x6, SLF-P1 W		
Package Quantity												
	50			50			50			50		

Color

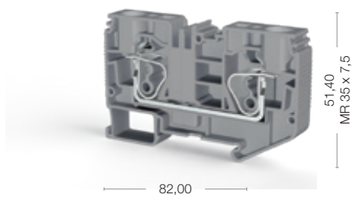
Color code is the last digit of the order number

Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

SRD 16

new SRD 16

Width: 12 mm

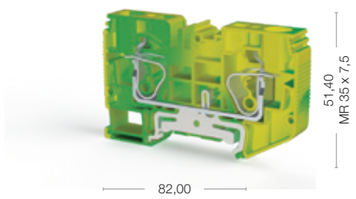


Cat No:

312 239
312 230

new SRD 16 T

Width: 12 mm



Cat No:

337 250

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	
IEC (EN 60947-7-1/EN 60947-7-2)	1000	76	16 mm²			16 mm²	
UL							
VDE (IEC 60947-7-1)							
CSA							
ATEX							

Connection Data							
Conductor cross section solid (min-max.)	0,2 -25 mm²			0,2 -25 mm²			
Conductor cross section stranded (min.-max.)	0,2 - 16 mm²			0,2 - 16 mm²			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	2,5 mm²			2,5 mm²			
AWG Conductor	24-4			24-4			
Insulation Stripping Length (min.-max.)	17			17			
Screwdriver	KTD 5 (1,0 x Ø5,5)			KTD 5 (1,0 x Ø5,5)			

End Block	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	KD 3	495 049	100	KD 3	495 049	100	
	KD 4	495 059	100	KD 4	495 059	100	
	KD 7	495 210	50	KD 7	495 210	50	
	KD 8	495 229	50	KD 8	495 229	50	

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	NPP/SRD 16	451 289	50	NPP/SRD 16T	451 282T	50	

Partition Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	APP/SRD 16	464 209	50	APP/SRD 16	464 209	50	

Test Plug	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5	

Cross Connection	Type	Cat.No.	Qty.				
	CS 16/2	470 152	25				

Technical Data							
Rated Impulse Voltage / Pollution severity	8/3			8/3			
Insulation material group / Gauge pin code according to IEC 60947-1	1/A7			1/A7			
Protection class / Protection conductor type	IP20/NA			IP20/NA			
Marking Tags (Dekafix)							
See pages 326-333 for a list of Dekafix	D_NS 12x6, SLF-P1 W			D_NS 12x6, SLF-P1 W			

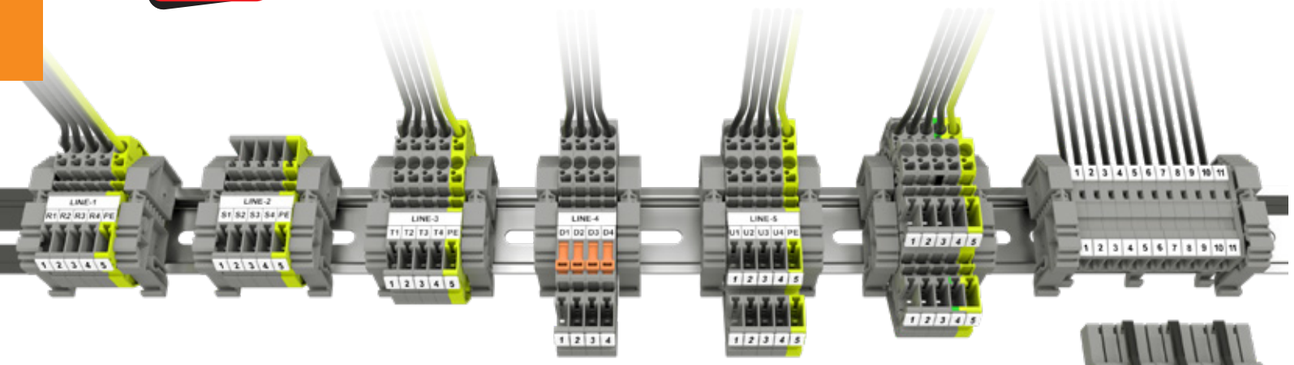
Package Quantity							
	50			50			

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

StoP
Spring to Pin

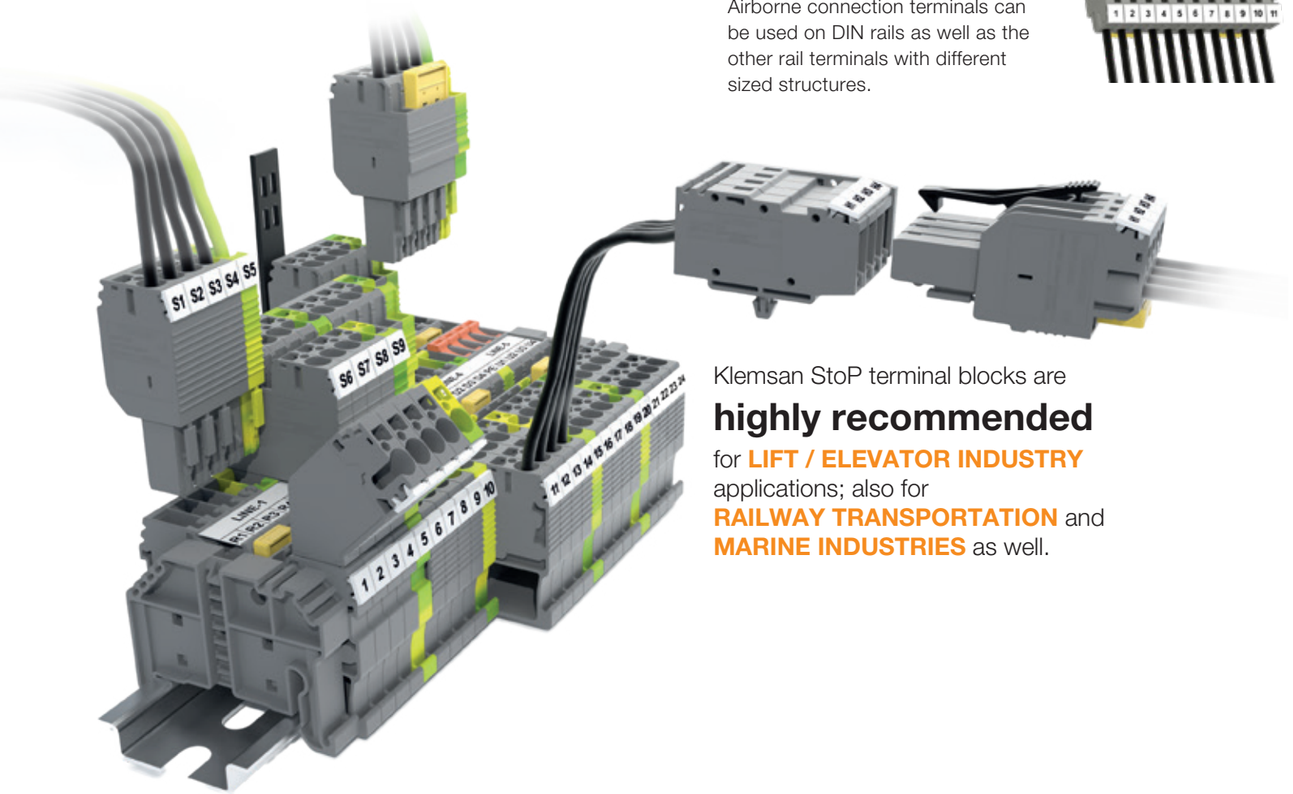
Complying EN 45545-2 European Railway Standard for fire safety classes R22-R23-R24-R26 and Hazard Levels HL1 - HL2 - HL3

V0
material



DIN Rail Mounting

Airborne connection terminals can be used on DIN rails as well as the other rail terminals with different sized structures.



Klemsan StoP terminal blocks are

highly recommended

for **LIFT / ELEVATOR INDUSTRY** applications; also for **RAILWAY TRANSPORTATION** and **MARINE INDUSTRIES** as well.

By using our brand new series Klemsan StoP Terminal Blocks, you can easily build your signal or power circuits with plugs and sockets. Besides DIN Rail mount types, you can also make coupling of terminals without any DIN Rail fixing. The new StoP terminals enable users to intervene energy breakdowns quickly, making tests faster and safer.

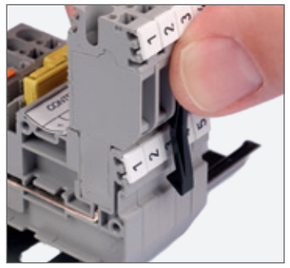
- By using pin locks, user can match the right plugs and sockets. This prevents misconnection.
- Plugs and sockets can be purchased seperately to make customized sets.
- Same cross-connectors can be used for both terminals and sockets.
- User can use either strip labels or marking tags for the proper marking of the terminal block set.

Custom Solutions for Processes



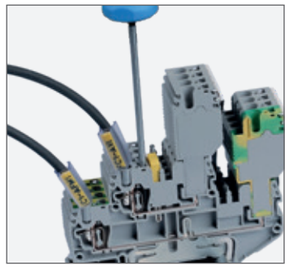
Cross-Connection

It is possible to make dual cross-connections on terminals and same cross-connectors can also be used for sockets. You may use permanent markers to indicate poles on cross-connectors.



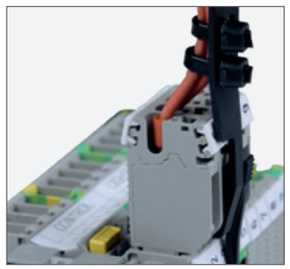
Socket Locks

Extra optional locks prevent your circuits from excessive vibrations. Sockets can be removed from terminals by simply pushing the clip upwards.



Wire Assembly for Terminals

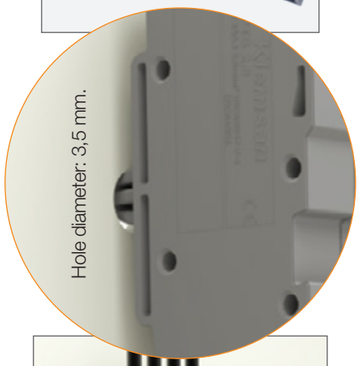
Wires can be assembled quickly and easily by opening the spring cage with the suitable screwdriver.



Cable Tie Mount

You can use a cable tie to hold all cables together assembled to the socket by using cable tie mount.







Airborne Connection

Airborne connection terminals can be used for making quick and safe connections inside the panels or installation ducts.



Pin Coding

Use orange pins on terminals to prevent the misconnection of sockets.

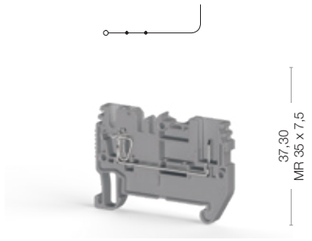
StoP
Spring to Pin

Series Terminals

CTP: Clamp to Pin,
PTP: Pin to Pin

CTP 2.5

Width: 5,2 mm

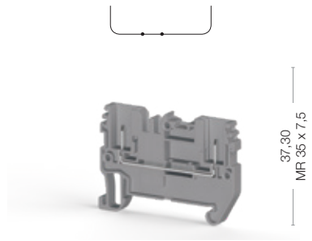


Cat No:

- 310 129
- 310 120
- 310 121

PTP 2.5

Width: 5,2 mm

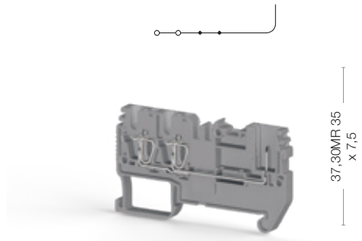


Cat No:

- 310 109
- 310 100
- 310 101

CTP 2.5 E

Width: 5,2 mm

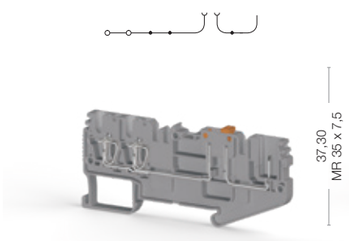


Cat No:

- 310 139
- 310 130
- 310 131

CTP 2.5 EA

Width: 5,2 mm

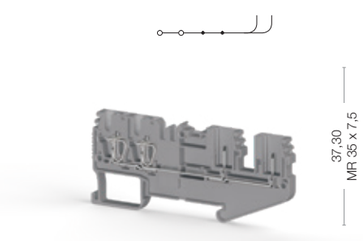


Cat No:

- 310 159

CTP 2.5 C

Width: 5,2 mm



Cat No:

- 310 149

Electrical Ratings												
CE (IEC 61984 / IEC 60947-7-1)	500 V / 24 A / 2.5mm2			500 V / 24 A / 2.5mm2				500 V / 24 A / 2.5mm2			400 V / 20 A / 2.5mm2			500 V / 24 A / 2.5mm2		

Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²			0,08 - 4 mm²				0,08 - 4 mm²			0,08 - 4 mm²			0,08 - 4 mm²		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²			0,14 - 2,5 mm²				0,14 - 2,5 mm²			0,14 - 2,5 mm²			0,14 - 2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²				0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	28-12			28-12				28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10 mm			8-10 mm				8-10 mm			8-10 mm			8-10 mm		

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/CTP 2,5	451 059	50	NPP/PTP 2,5	451 059	50		NPP/CTP 2,5E	451 089	50	NPP/CTP 2,5 EA	451 099	50	NPP/CTP 2,5 C	451 099	50

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25		CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25
	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20		CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20
	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15		CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15
	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10		CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10
	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5		CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5

Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/NA				1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -			IP 20 / -			IP 20 / -		

Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W				D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W		

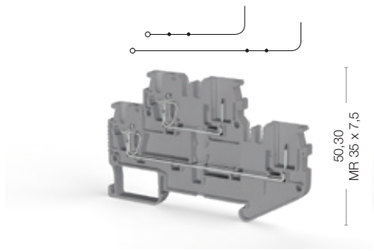
Package Quantity												
	50			50				50			50			50		

Series Terminals

CTP: Clamp to Pin,
PTP: Pin to Pin

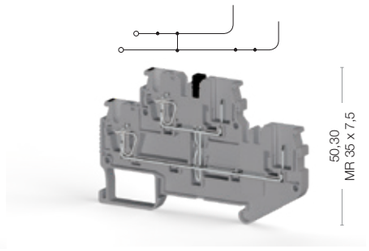
CTP 2.5-2F

Width: 5,2 mm



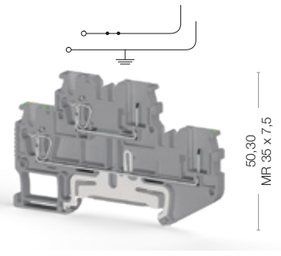
CTP 2.5-2FK

Width: 5,2 mm



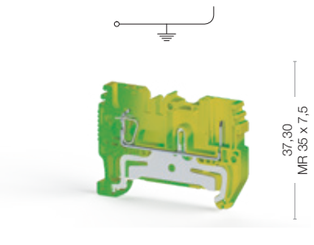
CTP 2.5-FT

Width: 5,2 mm



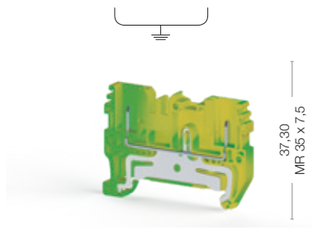
CTP 2.5 T

Width: 5,2 mm



PTP 2.5 T

Width: 5,2 mm



Cat No:	310 169 310 160 310 161	Cat No: 310 179		Cat No: 310 189	Cat No: 337 040	Cat No: 337 020
Electrical Ratings						
CE (IEC 61984 / IEC 60947-7-1)	500 V / 24 A / 2.5mm²	500 V / 24 A / 2.5mm²		500 V / 24 A / 2.5mm² - V / - A / 2.5mm²	- V / - A / 2.5mm²	- V / - A / 2.5mm²
Connection Data						
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²		0,08 - 4 mm²	0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²		0,14 - 2,5 mm²	0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²		0,5 mm²	0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12		28-12	28-12	28-12
Insulation Stripping Length (min.-max.)	8-10 mm	8-10 mm		8-10 mm	8-10 mm	8-10 mm

End Plate



Type	Cat.No.	Qty.
NPP/CTP 2,5-2F	451 079	25

Type	Cat.No.	Qty.
NPP/CTP 2,5-2FK	451 079	25

Type	Cat.No.	Qty.
NPP/CTP 2,5-2FT	451 079	25

Type	Cat.No.	Qty.
NPP/CTP 2,5 T	451 052T	50

Type	Cat.No.	Qty.
NPP/PTP 2,5 T	451 052T	50

Cross Connection



Type	Cat.No.	Qty.
CS 2,5 / 2	470 102	25
CS 2,5 / 3	470 103	20
CS 2,5 / 4	470 104	15
CS 2,5 / 5	470 105	10
CS 2,5 / 10	470 109	5

Type	Cat.No.	Qty.
CS 2,5 / 2	470 102	25
CS 2,5 / 3	470 103	20
CS 2,5 / 4	470 104	15
CS 2,5 / 5	470 105	10
CS 2,5 / 10	470 109	5

Type	Cat.No.	Qty.
CS 2,5 / 2	470 102	25
CS 2,5 / 3	470 103	20
CS 2,5 / 4	470 104	15
CS 2,5 / 5	470 105	10
CS 2,5 / 10	470 109	5

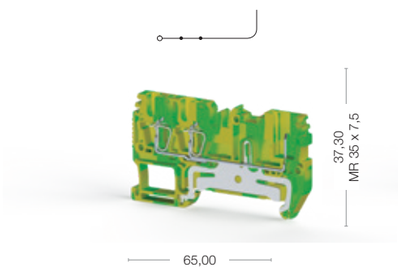
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3	6/3		6/3	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3	1/A3	1/NA
Protection class / Protection conductor type	IP 20 / -	IP 20 / -		IP 20 / - / PE	IP 20 / PE	IP 20 / PE
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P2 W		D_NS 5,2x6, SLF-P2 W	D_NS 5,2x6, SLF-P1 W	D_NS 5,2x6, SLF-P1 W
Package Quantity	50	50		50	50	50

Series Terminals

CTP: Clamp to Pin,
PTP: Pin to Pin

CTP 2.5 ET

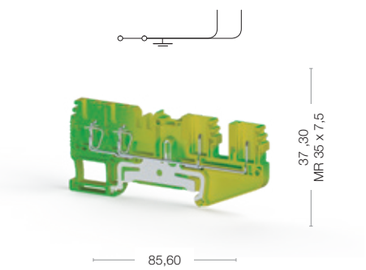
Width: 5,2 mm



Cat No: 337 050

CTP 2.5 CT

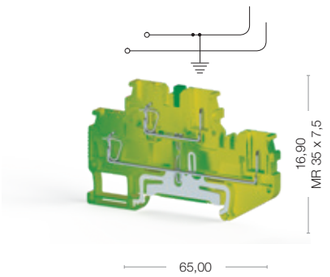
Width: 5,2 mm



Cat No: 337 060

CTP 2.5-2T

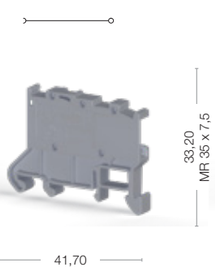
Width: 5,2 mm



Cat No: 337 070

SC-PTR 2.5

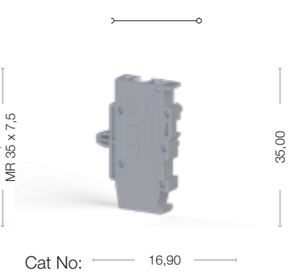
Width: 5,2 mm



Cat No:
310 949
310 940
310 941

SC-PT 2.5

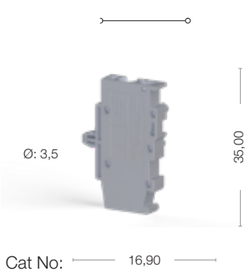
Width: 5,2 mm



Cat No:
310 929
310 920
310 921

SC-PTS 2.5

Width: 5,2 mm



Cat No:
310 939
310 930
310 931

Electrical Ratings												
CE (IEC 61984 / IEC 60947-7-1)	V / A / 2.5mm²		V / A / 2.5mm²			V / A / 2.5mm²		500 V / 20 A / 2.5mm²		500 V / 24 A / 2.5mm²		500 V / 24 A / 2.5mm²

Connection Data												
Conductor cross section solid (min-max.)	0,08 - 4 mm²		0,08 - 4 mm²			0,08 - 4 mm²		0,08 - 4 mm²		0,08 - 4 mm²		0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²		0,14 - 2,5 mm²			0,14 - 2,5 mm²		0,14 - 2,5 mm²		0,14 - 2,5 mm²		0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²		0,5 mm²			0,5 mm²		0,5 mm²		0,5 mm²		0,5 mm²
AWG Conductor	28-12		28-12			28-12		28-12		28-12		28-12
Insulation Stripping Length (min.-max.)	8-10 mm		8-10 mm			8-10 mm		8-10 mm		8-10 mm		8-10 mm

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/CTP 2,5-ET	451 082T	50	NPP/CTP 2,5-CT	451 092T	50		NPP/CTP 2,5-2T	451 072T	25	NPP SC-PT 2,5	451 119	50	NPP SC-PT 2,5	451 119	50	NPP SC-PT 2,5	451 119	50

Technical Data												
Rated Impulse Voltage / Pollution severity	6/3		6/3			6/3		6/3		6/3		6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		1/A3			1/A3		1/A3		1/A3		1/A3
Protection class / Protection conductor type	IP 20 / PE		IP 20 / PE			IP 20 / PE		IP 20 / -		IP 20 / -		IP 20 / -

Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P2 W		D_NS 5,2x6, SLF-P2 W		D_NS 5,2x6, SLF-P2 W		D_NS 5,2x6, SLF-P2 W

Package Quantity												
	50		50			50		50		50		50

- Can be used with Klemsan products only

- Can be used with Klemsan products only

- Can be used with Klemsan products only

StoP
Spring to Pin

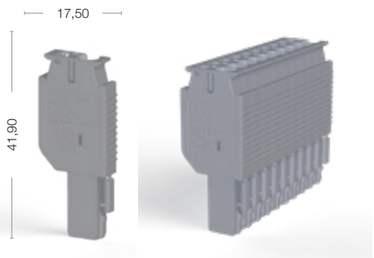
Series Terminals

CTP: Clamp to Pin,
PTP: Pin to Pin

- Can be used with Klemsan products only

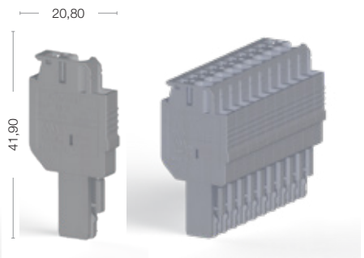
SG-PT 2.5

Width: 5,2 mm



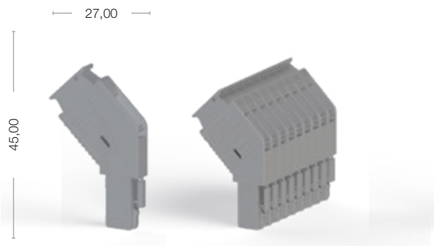
SG-PT 2.5 CS

Width: 5,2 mm



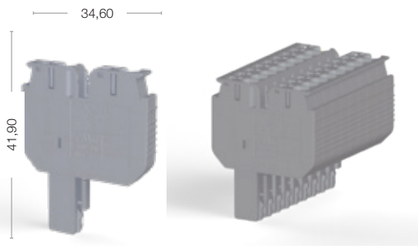
SG-PT 2.5 AN

Width: 5,2 mm



SG-PT 2.5 DB

Width: 5,2 mm



CE

Electrical Ratings					
CE (IEC 61984 / IEC 60947-7-1)	500V / 24A / 2.5mm²	500V / 24A / 2.5mm²		500V / 24A / 2.5mm²	500V / 24A / 2.5mm²
Connection Data					
Conductor cross section solid (min-max.)	0,08 - 4 mm²	0,08 - 4 mm²		0,08 - 4 mm²	0,08 - 4 mm²
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm²	0,14 - 2,5 mm²		0,14 - 2,5 mm²	0,14 - 2,5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²	0,5 mm²		0,5 mm²	0,5 mm²
AWG Conductor	28-12	28-12		28-12	28-12
Insulation Stripping Length (min.-max.)	8-10 mm	8-10 mm		8-10 mm	8-10 mm

Cross Connection



Type	Cat.No.	Qty.
CS 2,5 / 2	470 102	25
CS 2,5 / 3	470 103	20
CS 2,5 / 4	470 104	15
CS 2,5 / 5	470 105	10
CS 2,5 / 10	470 109	5

Type	Cat.No.	Qty.
CS 2,5 / 2	470 102	25
CS 2,5 / 3	470 103	20
CS 2,5 / 4	470 104	15
CS 2,5 / 5	470 105	10
CS 2,5 / 10	470 109	5



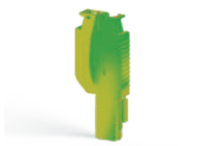
SG-PT 2.5AN-1 L

Technical Data					
Rated Impulse Voltage / Pollution severity	6/3	6/3		6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -		IP 20 / -	IP 20 / -

Ordenaring Data



SG-PT 2.5CS-1



SG-PT 2.51



SG-PT 2.5AN-1



SG-PT 2.5DB-1

Type	Cat. No.	Qty.
SG-PT 2.5-1	310 209	50
SG-PT 2.5-2	310 219	50
SG-PT 2.5-3	310 229	50
SG-PT 2.5-4	310 239	50
SG-PT 2.5-5	310 249	50
SG-PT 2.5-6	310 259	25
SG-PT 2.5-7	310 269	25
SG-PT 2.5-8	310 279	25
SG-PT 2.5-9	310 289	25
SG-PT 2.5-10	310 299	25
SG-PT 2.5-11	310 309	10
SG-PT 2.5-12	310 319	10
SG-PT 2.5-13	310 329	10
SG-PT 2.5-14	310 339	10
SG-PT 2.5-15	310 349	10
SG-PT 2.5-1	310 202T	50
SG-PT 2.5-1L	310 359	50
SG-PT 2.5G-1M	310 369	50
SG-PT 2.5G-1R	310 379	50

Type	Cat. No.	Qty.
SG-PT 2.5CS-1	310 389	50
SG-PT 2.5CS-2	310 399	50
SG-PT 2.5CS-3	310 409	50
SG-PT 2.5CS-4	310 419	50
SG-PT 2.5CS-5	310 429	50
SG-PT 2.5CS-6	310 439	25
SG-PT 2.5CS-7	310 449	25
SG-PT 2.5CS-8	310 459	25
SG-PT 2.5CS-9	310 469	25
SG-PT 2.5CS-10	310 479	25
SG-PT 2.5CS-11	310 489	10
SG-PT 2.5CS-12	310 499	10
SG-PT 2.5CS-13	310 509	10
SG-PT 2.5CS-14	310 519	10
SG-PT 2.5CS-15	310 529	10
SG-PT 2.5CS-1	310 382T	50
SG-PT 2.5CS-1L	310 539	50
SG-PT 2.5GCS-1M	310 549	50
SG-PT 2.5GCS-1R	310 559	50

Type	Cat. No.	Qty.
SG-PT 2.5AN-1	310 749	50
SG-PT 2.5AN-2	310 759	50
SG-PT 2.5AN-3	310 769	50
SG-PT 2.5AN-4	310 779	50
SG-PT 2.5AN-5	310 789	50
SG-PT 2.5AN-6	310 799	25
SG-PT 2.5AN-7	310 809	25
SG-PT 2.5AN-8	310 819	25
SG-PT 2.5AN-9	310 829	25
SG-PT 2.5AN-10	310 839	25
SG-PT 2.5AN-11	310 849	10
SG-PT 2.5AN-12	310 859	10
SG-PT 2.5AN-13	310 869	10
SG-PT 2.5AN-14	310 879	10
SG-PT 2.5AN-15	310 889	10
SG-PT 2.5AN-1	310 742T	50
SG-PT 2.5AN-1L	310 899	50
SG-PT 2.5GAN-1M	310 909	50
SG-PT 2.5GAN-1R	310 919	50

Type	Cat. No.	Qty.
SG-PT 2.5DB-1	310 569	50
SG-PT 2.5DB-2	310 579	50
SG-PT 2.5DB-3	310 589	50
SG-PT 2.5DB-4	310 599	50
SG-PT 2.5DB-5	310 609	50
SG-PT 2.5DB-6	310 619	25
SG-PT 2.5DB-7	310 629	25
SG-PT 2.5DB-8	310 639	25
SG-PT 2.5DB-9	310 649	25
SG-PT 2.5DB-10	310 659	25
SG-PT 2.5DB-11	310 669	10
SG-PT 2.5DB-12	310 679	10
SG-PT 2.5DB-13	310 689	10
SG-PT 2.5DB-14	310 699	10
SG-PT 2.5DB-15	310 709	10
SG-PT 2.5DB-1	310 562T	50
SG-PT 2.5DB-1L	310 719	50
SG-PT 2.5GDB-1M	310 729	50
SG-PT 2.5GDB-1R	310 739	50



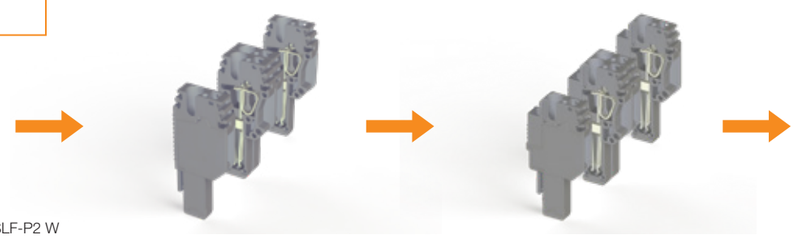
SG-PT 2.5GAN-1M

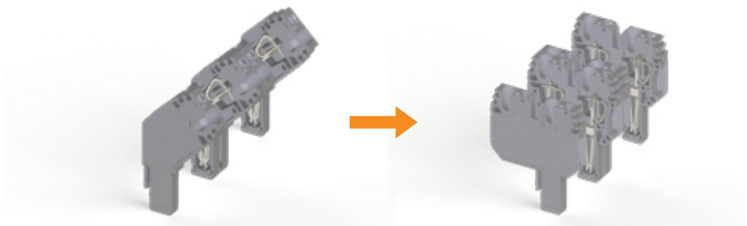


SG-PT 2.5GDB-1M

- Can be used with Klemsan products only

Just combine single unitsof L-R products for left andright ends, add desiredquantities of M products in-between to make your custom sockets.



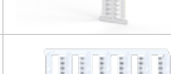
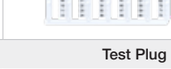


Marking Tags (Dekafix):
See pages 326-333 for usage of Dekafix / D_NS 5,2x6, SLF-P2 W

StoP Spring to Pin

Accessories

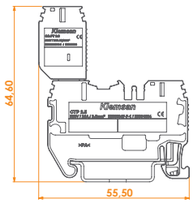
Type		Compatible Products
Socket Locks		
SG-L 469 005 50 Qty.		SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
SG-L2 469 015 50 Qty.		
Pin Lock		
SG-N 469 027 50 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T
Cable Tie Holder		
SG-P 469 035 100 Qty.		SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
Cross-Connection		
SRD K2.5 470 201 100 Qty.		CTP 2.5-2F CTP 2.5-FT
SRD K2.5 470 202 100 Qty.		
Seperation Plates		
APP/SRD CTP 2.5 464 029 50 Qty.		CTP 2.5 PTP 2.5 CTP 2.5T PTP 2.5T
APP/CTP 2.5E 464 039 50 Qty.		CTP 2.5E
APP/CTP 2.5C 464 049 50 Qty.		CTP 2.5C
APP/SRD CTP 2.5-2F 464 069 25 Qty.		CTP 2.5-2FK CTP 2.5-FT CTP 2.5-2F CTP 2.5-2T
End Brackets		
KD 3 495 049		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T
KD 4 495 059		

Type		Compatible Products
Rails		
MR35X7.5 (1m) 500 601 20 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T SC-PTR 2.5
MR35X7.5 Sloted (1m) 500 602 20 Qty.		
MR35X15 (1m) 500 606 10 Qty.		
MR35X15 Sloted (1m) 500 607 10 Qty.		
Marking		
SLF-P1 W 1020 100 1 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT
DG 6/5 505 330 440 Qty.		Compatible with all StoP products.
D-NS 5,2x6 810 450 720 Qty.		Compatible with all StoP products.
Test Plug		
TFØ2 493 020 50 Qty.		CTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
Screwdriver		
KT 1 (0,4X2.5) 560 010 10 Qty.		Compatible with all StoP products.

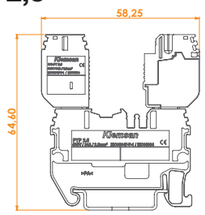
StoP Spring to Pin

Technical Drawings

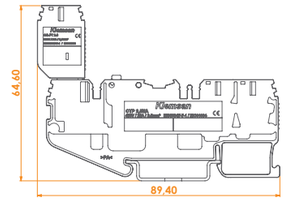
CTP 2,5



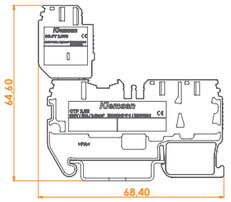
PTP 2,5



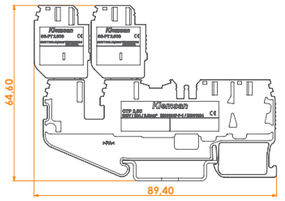
CTP 2,5EA



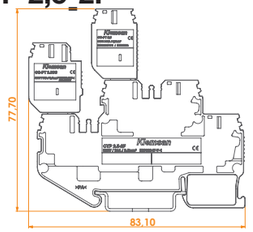
CTP 2,5E



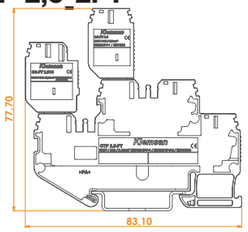
CTP 2,5C



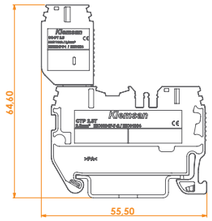
CTP 2,5_2F



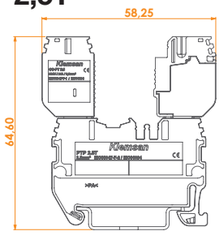
CTP 2,5_2FT



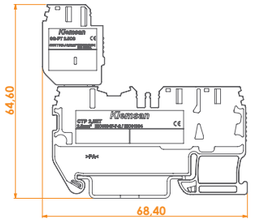
CTP 2,5T



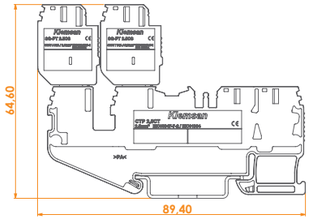
PTP 2,5T



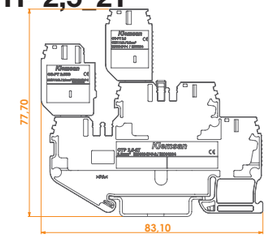
CTP 2,5ET



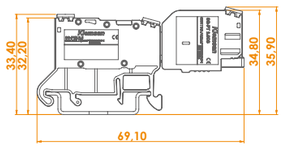
CTP 2,5CT



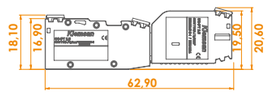
CTP 2,5_2T



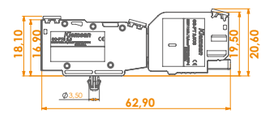
SC-PTR 2,5



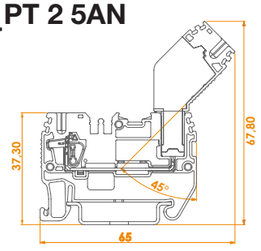
SC-PT 2,5



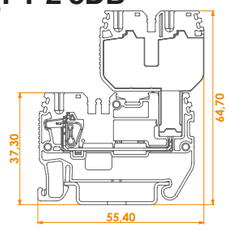
SC-PTS 2,5



SC_PT 2 5AN



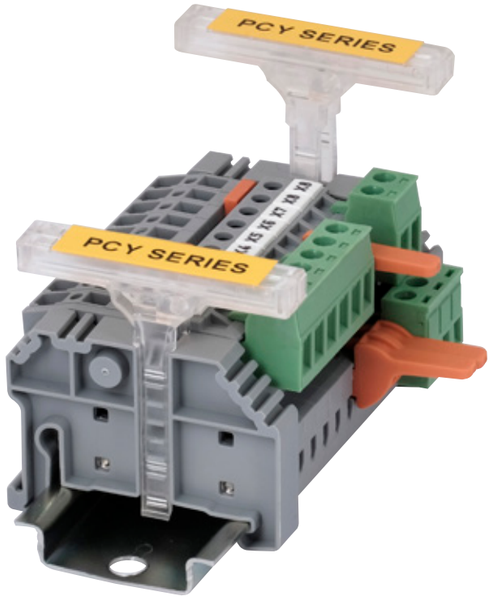
SG_PT 2 5DB

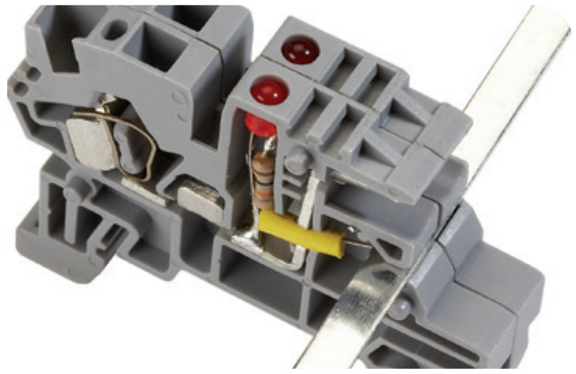


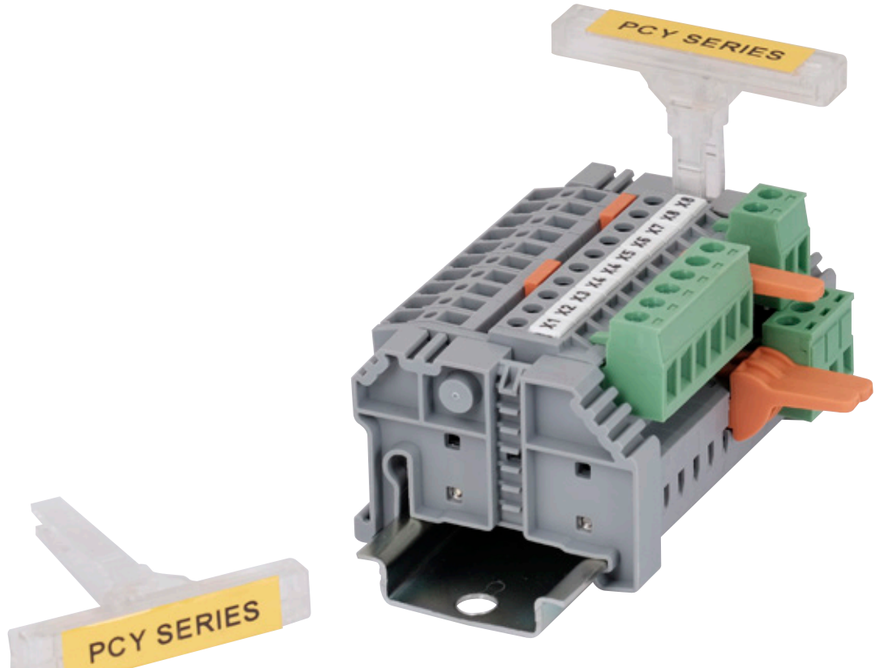
* All dimensions shown are in millimeters.

PCY Series Terminals

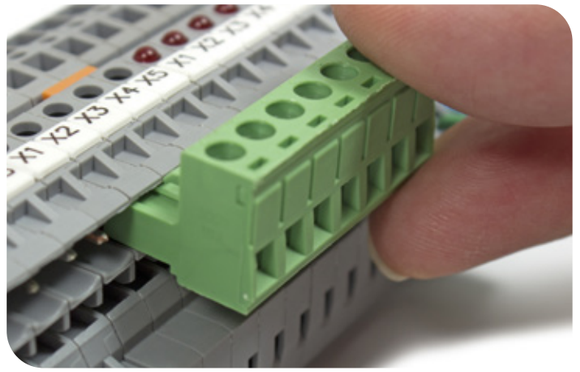
PCY Series Spring Clamp Type Terminals can be used together with PCB Terminals with the pitch of 5,08 mm. LED terminal can be selected according to specified operating voltage of the product. Time-saving and safe accessories like push-in cross connections, Insulation plugs for unused socket outputs to prevent finger touch, End Plates are available. Special Marking solutions can be provided by Plotter Labeling.





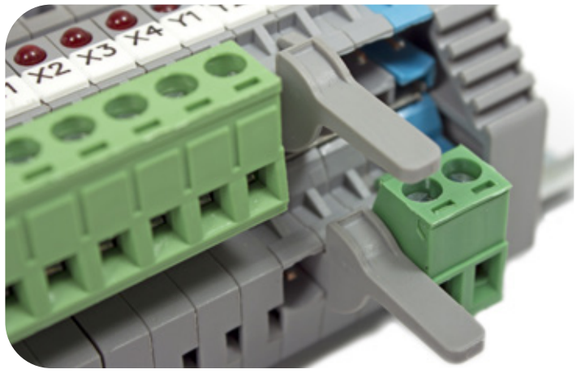


AVK 2,5 PC Series Terminals



AVK 2,5PC Screw Type Terminals can be used together with PCB Terminals with the pitch of 5,08 mm. Time-saving and safe accessories like comb and screw type cross connections, Insulation plugs for unused socket outputs to prevent finger touch, End Plates are available. Special Marking solutions can be provided by Plotter Labeling.

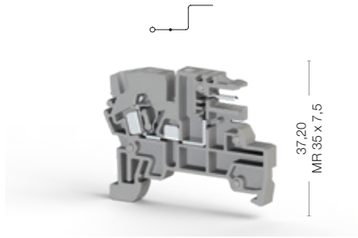




PCY Type Terminals for PCB Connection

PCY 2,5

Width: 5,05 mm

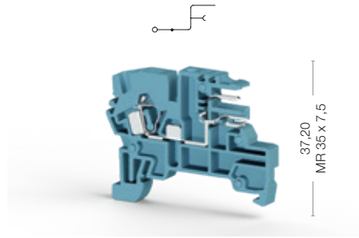


Cat No:

364 019
364 010

PCY 2,5 N

Width: 5,05 mm

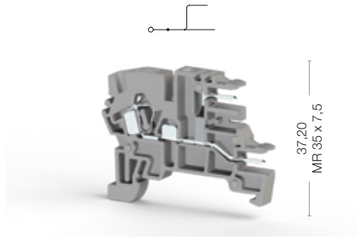


Cat No:

364 080

PCY 2,5 E

Width: 5,05 mm

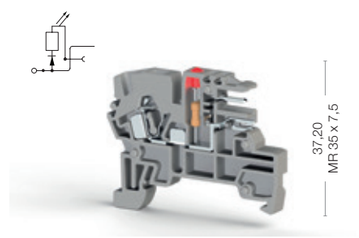


Cat No:

364 059
364 050

PCY 2,5 L

Width: 5,05 mm

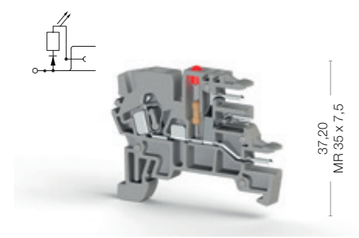


Cat No:

364 029
364 020

PCY 2,5 EL

Width: 5,05 mm



Cat No:

364 069
364 060

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	10	2,5 mm²	250	10	2,5 mm²	250	10	2,5 mm²		10	2,5 mm²		10	2,5 mm²
UL	300	10	AWG 22-12	300	10	AWG 22-12	300	10	AWG 22-12		10	AWG 22-12		10	AWG 22-12
VDE (IEC 60947-7-1)															
CSA															
ATEX															

Connection Data												
Conductor cross section solid (min-max.)	0,08-4 mm²			0,08-4 mm²			0,08-4 mm²			0,08-4 mm²		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²			0,08-2,5 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm²			0,5 mm²			0,5 mm²			0,5 mm²		
AWG Conductor	AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		

Ordering Data										Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
										PCY 2,5 L (24V DC)	364 029	50	PCY 2,5 EL (24V DC)	364 069	50
										PCY 2,5 L (110V DC)	364 033	50	PCY 2,5 EL (110V DC)	364 073	50
										PCY 2,5 L (220V DC)	364 035	50	PCY 2,5 EL (220V DC)	364 075	50

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/PCY 2,5	450 199	100	NPP/PCY 2,5 N	450 191	100	NPP/PCY 2,5	450 199	100	NPP/PCY 2,5	450 199	100	NPP/PCY 2,5	450 199	100

Isolation Cover	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
 Grey	PCY IT	423 099	50	PCY IT	423 099	50	PCY IT	423 099	50	PCY IT	423 099	50	PCY IT	423 099	50
Beige	PCY IT	423 090	50	PCY IT	423 090	50	PCY IT	423 090	50	PCY IT	423 090	50	PCY IT	423 090	50
Orange	PCY IT	423 097	50	PCY IT	423 097	50	PCY IT	423 097	50	PCY IT	423 097	50	PCY IT	423 097	50

Push-in Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5

Neutral Bus Bar				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
				PCY NS	525 400	25				PCY NS	525 400	25	PCY NS	525 400	25

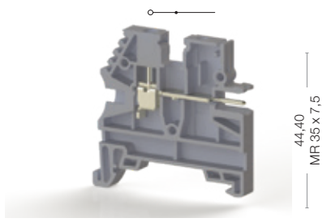
Technical Data									
Rated Impulse Voltage / Pollution severity	4/3	4/3		4/3	4/3	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3	1/A3	1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -		IP 20 / -	IP 20 / -	IP 20 / -
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5	D_NS 5x6, DB 5, DG 6/5		D_NS 5x6, DB 5, DG 6/5	D_NS 5x6, DB 5, DG 6/5	D_NS 5x6, DB 5, DG 6/5

Package Quantity						
	100 pcs.	100 pcs.		100 pcs.	50 pcs.	50 pcs.

Screw Type Terminal Blocks for PCB Connection

AVK 2,5 PC

Width: 5,08 mm

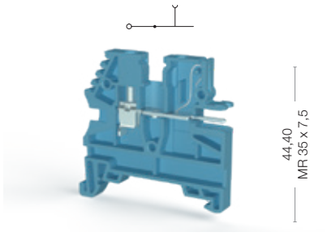


Cat No:

- 364 610
- 364 609

AVK 2,5 PCN

Width: 5,08 mm

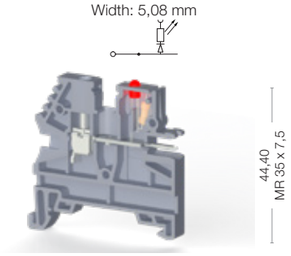


Cat No:

- 304 621

AVK 2,5 PCLD/24VDC

Width: 5,08 mm



Cat No:

- 304 630
- 304 639

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	12	2,5 mm²	250	12	2,5 mm²		24	12	2,5 mm²
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										

Connection Data										
Conductor cross section solid (min-max.)	0,2-4 mm²			0,2-4 mm²				0,2-4 mm²		
Conductor cross section stranded (min.-max.)	0,2-4 mm²			0,2-4 mm²				0,2-4 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5-1,5 mm²			0,5-1,5 mm²				0,5-1,5 mm²		
AWG Conductor	AWG 24-12			AWG 24-12				AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				9-10 mm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)		

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100	NPP/AVK 2,5-10	444 120	100		NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
Grey	PCY IT	423 099	50	PCY IT	423 099	50		PCY IT	423 099	50
Beige	PCY IT	423 090	50	PCY IT	423 090	50		PCY IT	423 090	50
Orange	PCY IT	423 097	50	PCY IT	423 097	50		PCY IT	423 097	50

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25	UK 2,5/2	474 122	25		UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20	UK 2,5/3	474 123	20		UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15	UK 2,5/4	474 124	15		UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5	UK 2,5/10	474 129	5		UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20	UK 2,5/50	474 210	20		UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25	TKO 2,5/2	476 262	25		TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20	TKO 2,5/3	476 263	20		TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15	TKO 2,5/4	476 264	15		TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5	TKO 2,5/10	476 269	5		TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.
	PCY NS	525 400	25	PCY NS	525 400	25		PCY NS	525 400	25

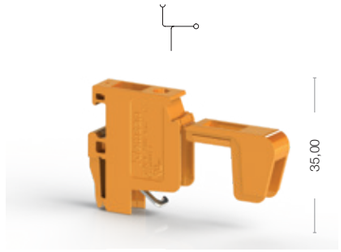
Technical Data				
Rated Impulse Voltage / Pollution severity	4/3	4/3		4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A3		1/A3
Protection class / Protection conductor type	IP 20 / -	IP 20 / -		IP 20 / -
Marking Tags (Dekafix)				
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity				
	100 pcs.	100 pcs.		100 pcs.

Transformer Terminals Blocks

TRV 4

Width: 7,5 mm

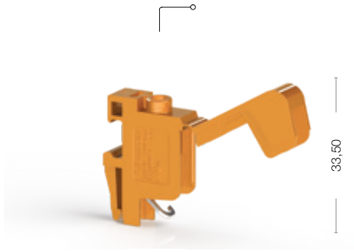


Cat No:

422 017

TRV 4 B

Width: 7,5 mm

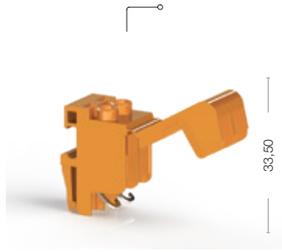


Cat No:

422 057

TRV 4 M

Width: 15 mm

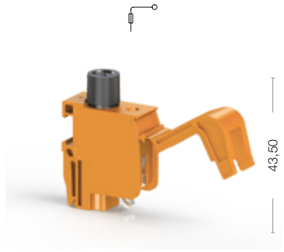


Cat No:

422 047

TRV 4 S

Width: 12,50 mm

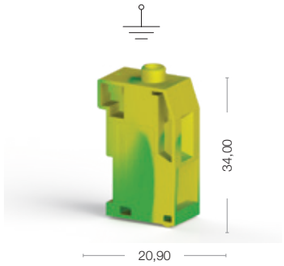


Cat No:

422 027

TRV 4 T

Width: 12 mm

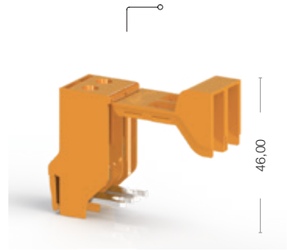


Cat No:

422 060

TRV 10

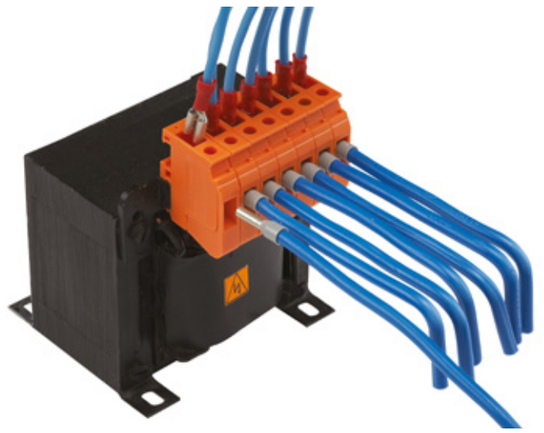
Width: 22 mm



Cat No:

422 037

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	750	25	4 mm²	750	25	4 mm²	750	25	4 mm²	500	10	4 mm²			4 mm²	750	63	10 mm²
UL	600	20	AWG 26-10	600	20	AWG 26-10	600	20	AWG 26-10	300	10	AWG 26-10			AWG 26-10	600	55	AWG 16-6
VDE (IEC 60947-7-1)																		
CSA																		
ATEX																		
Connection Data																		
Conductor cross section solid (min-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,5-16 mm²		
Conductor cross section stranded (min.-max.)	0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,2-6 mm²			0,5-16 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-2,5 mm²			0,5-6 mm²		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10			AWG 20-6		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm			11-12 mm		
Torque (min-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			1,2-1,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x40)		
Technical Data																		
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B4			1/A4			1/B4			1/B4			1/B4			1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, D_NS 5x6, DB 5, DB 7,5x4,5, DG 6/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5		
Package Quantity																		
	50 pcs.			50 pcs.			50 pcs.			50 pcs.			50 pcs.			25 pcs.		



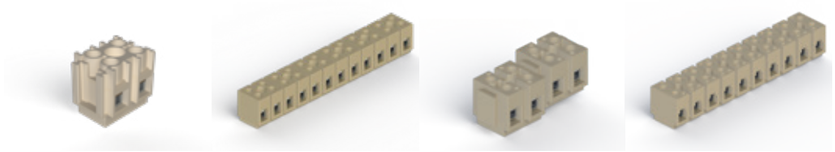
Color			
Color code is the last digit of the order number			
Grey	Green- Yellow	Orange	Beige
304 119	60	17	10

Color			
Color code is the last digit of the order number			
Grey	Green- Yellow	Orange	Beige
304 119	60	17	10

Terminals Strips

- The product in the figure is the new psk 1/2 terminal strip.
- For allowing marking, label slots are designed according to DB 5 and DG 6/5 Marking Tags (Dekafix)
- Assembly of the terminal should be made with maximum 3 mm Width screw.

PSK 1/2	PSK 1/12	PSK 2/2	PSK 2/10
420 020	420 120	421 020	421 100

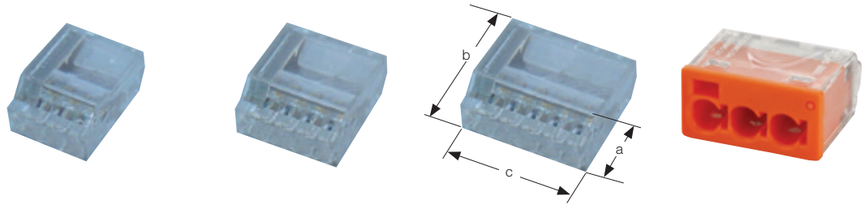


Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
TSE (EN 60998-2-1)	400 V ~ / 24 A / 2,5 mm²	400 V ~ / 24 A / 2,5 mm²	660 V ~ / 41 A / 6 mm²	660 V ~ / 41 A / 6 mm²
Insulation Stripping Length (min.-max.)	5 mm	5 mm	9 mm	9 mm
Torque	0,4 - 0,6 Nm	0,4 - 0,6 Nm	0,5 - 0,8 Nm	0,5 - 0,8 Nm
Qty.				
	100	100	100	20
Screwdriver				
	IKT3 (0,6x3,5)			

Junction Box Terminals

- Suitable for 1,5 - 2,5 mm² solid strand cables
- Cage clamp connection
- One-point test
- Disassembling by turning the cable left

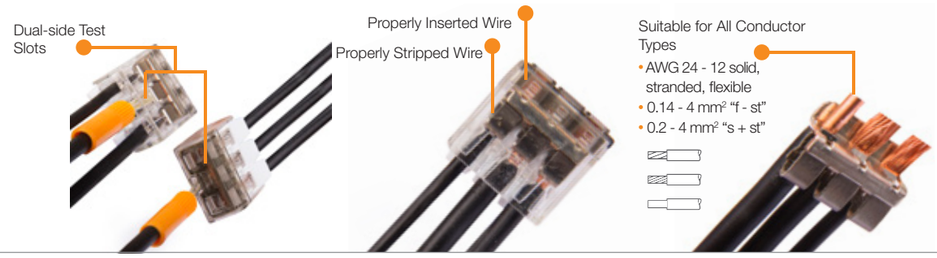
BUK 2,5/3	BUK 2,5/4	BUK 2,5/5	BUK 4/3
425 235	425 245	425 255	425 350



Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V ~ / 24 A / 2,5 mm²	450 V ~ / 24 A / 2,5 mm²	450 V ~ / 24 A / 2,5 mm²	450 V ~ / 32 A / 4 mm²
Connection Data				
Solid Strand	1,0 - 2,5 mm²	1,0 - 2,5 mm²	1,0 - 2,5 mm²	0,5 - 4 mm²
Insulation Stripping Length (min.-max.)	7 mm	7 mm	7 mm	11 mm
AWG Conductor	22 ... 12	22 ... 12	22 ... 12	22...16
Dimensions				
a	9,4	9,4	9,4	10
b	19,4	19,4	19,4	19,2
c	13,8	17,6	21,1	19,1
Qty.				
	100	100	100	50

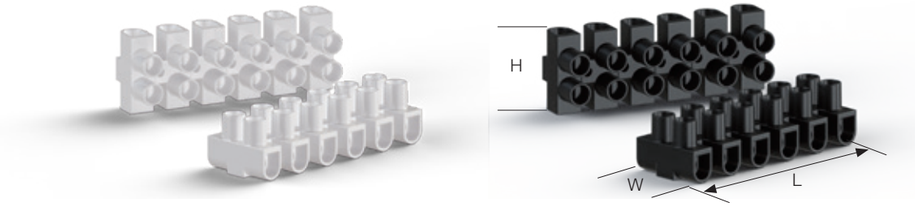
Junction Box Terminals

AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm² "f - st" 0.2 - 4 mm² "s + st" 450 V / 4 kv / 2 I_N 32A	AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm² "f - st" 0.2 - 4 mm² "s + st" 450 V / 4 kv / 3 I_N 32A	AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm² "f - st" 0.2 - 4 mm² "s + st" 450 V / 4 kv / 5 I_N 32A
					
2 Connector Lever Type Junction Box Terminal		3 Connector Lever Type Junction Box Terminal		5 Connector Lever Type Junction Box Terminal	
Order No.	Package Qty.	Order No.	Package Qty.	Order No.	Package Qty.
425 420	100	425 430	50	425 450	25



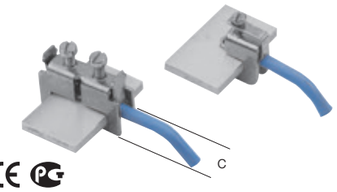
Terminal Strips

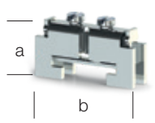
SK 1	SK 2	SK 3	SK 4
■ 430 002	■ 430 012	■ 430 022	■ 430 032
□ 431 002	□ 431 012	□ 431 022	□ 431 032



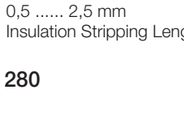
Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
IEC 60998-1, IEC 60998-2 (VDE)	450 V ~ / 32 A / 2,5 mm²	450 V ~ / 41 A / 4 mm²	450 V ~ / 57 A / 6 mm²	450 V ~ / 76 A / 16 mm²
UL	300 V ~ / 20 A / AWG 22 - 10	300 V ~ / 30 A / AWG 22 - 10	300 V ~ / 50 A / AWG 14 - 8	300 V ~ / 55 A / AWG 10 - 6
Torque	0,4 Nm	0,5 Nm	0,8 Nm	1,1 Nm
Connection Data				
Solid Strand, Screw Connection	0,75 - 4 mm²	0,75 - 6 mm²	1,5 - 6 mm²	6 - 16 mm²
Fine Strand, Screw Connection	0,5 - 2,5 mm²	0,5 - 4 mm²	1,5 - 6 mm²	6 - 10 mm²
Insulation Stripping Length / Torque	7 mm	8 mm	10 mm	10 mm
AWG Conductor	22...12	22...10	14...82	10...6
Dimensions				
L	95	116	135	175
W	16	19	22,5	25
H	12,8	15	17,65	21
Qty.				
Black (With Screw Blockage, Passivated)	50	50	50	50
Naturel (With Screw Blockage, Ni Coated)	50	50	50	50

Clamping Yokes and Accessories



	BIK 1 400 110	BIK 2 400 120	BIK 3 400 130	BIK 4 400 140	BIK 5 400 150
					
Electrical Ratings					
Cross-Section	1,5 - 6 mm²	6 - 35 mm²	6 - 35 mm²	6 - 35 mm²	6 - 35 mm²
Busbars Used	25 x 3 mm	30 x 5 mm	40 x 5 mm	40 x 10 mm	30 x 10 mm
Torque	1,5 Nm	1,5 Nm	1,5 Nm	1,5 Nm	1,5 Nm
Qty					
	100	100	100	100	100
Connection Data					
Insulation Stripping Length (min.-max.)	19 mm	21 mm	26 mm	26 mm	21 mm
AWG Conductor	14 ... 8	8 ... 1	8 ... 1	8 ... 1	8 ... 1
Dimensions					
a	21,8	25,7	26,5	32,0	28,5
b	39,7	44,0	54,0	54,0	44,0
c	10,5	13,0	13,0	13,0	13,0

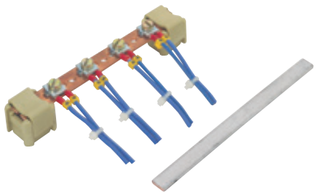
BIK and SBK type terminals are produced suitable for various busbar sizes. It is possible to transfer energy practically without drilling the busbars. SBK type is more advantageous than BIK type in sense of cable connection ability by connecting terminal on busbar optionally.



	SBK 16/5 401 173	SBK 16/10 401 174	SBK 35/5 401 180 401 182 (AKB Screw)	SBK 35/10 401 181 401 183 (AKB Screw)	SBK 50/5 401 501	SBK 50/10 401 502
Electrical Ratings						
Cross-Section	1,5 - 16 mm²	1,5 - 16 mm²	16 - 35 mm²	16 - 35 mm²	25 - 50 mm²	25 - 50 mm²
Busbars Used	.... x 5 mm	.... x 10 mm	.... x 5 mm	.... x 10 mm	.... x 5 mm	.... x 10 mm
Torque	4 Nm	4 Nm	6 Nm	6 Nm	8 Nm	8 Nm
Qty.						
	100	100	25	25	25	25
Connection Data						
Insulation Stripping Length	22 mm	22 mm	30 mm	30 mm	36 mm	36 mm
AWG Conductor	14 ... 6	14 ... 6	10 ... 2	10 ... 2	6 ... 10	6 ... 10
Dimensions						
a	25,0	29,3	31,0	36,0	41,0	46,0
b	21,5	21,5	29,0	29,0	35,0	35,0
c	11,7	11,7	16,3	16,3	17,5	17,0

Busbars

KUB 1 - 2



KUB 3

Single strand screw connection :
0,5 ..... 2,5 mm
Insulation Stripping Length : 9 mm

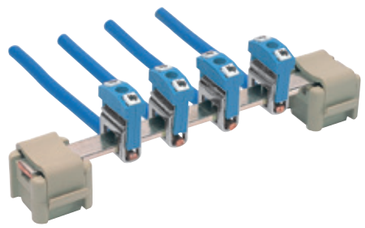
Type	Cat. No.	Current (A)	Material	Dimensions (mm)	Qty.
KUB 1	**525 100**	80	E - Cu	15 x 2	1 m
KUB 1/2	**525 101**	80	E - Cu	15 x 2	50 cm
KUB 2	**525 200**	140	E - Cu	15 x 3	1 m
KUB 2/2	**525 201**	140	E - Cu	15 x 3	50 cm
KUB 3	**525 300**	140	E - Cu	10 x 3	1 m
KUB 3/3	**525 350**	140	Tin Coated E - Cu	10 x 3	1 m
KUB 4	**525 320**	140	Tin Plated - Copper	12 x 3	1 m
KUB 4	**525 310**	140	Copper	12 x 3	1 m

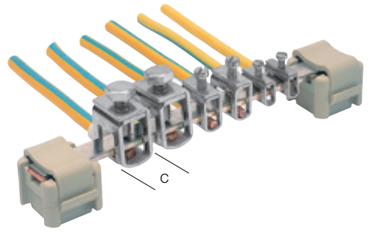
BM
528 110

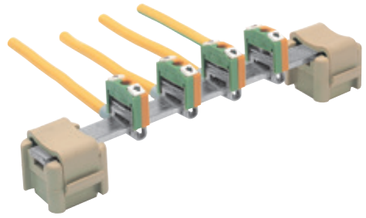


Dimensions	Material	Qty.
15 x 2	PA 6,6	50
15 x 3		
12 x 3		
10 x 3		

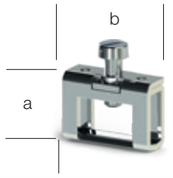
Clamping Yokes and Accessories



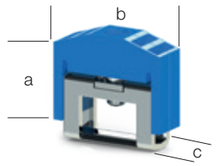




The clamping yokes can be slid onto the 10 x 3 busbar up to 50 mm2 and the entire wiring matched to the installation.

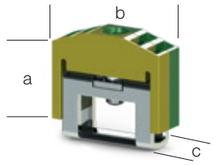
	BK 4 525 361	BK 10 525 362	BK 35 525 363
			
Electrical Ratings			
Cross-Section	4 mm²	10 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm
Fixing Screw	M 3	M 4	M 6
Busbar Dimensions	10 x 3	10 x 3	10 x 3
Torque	0,5 Nm	1,2 Nm	2,8 Nm
Qty.			
	200	100	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 10 mm²	16 ... 50 mm²
Fine Strand,	0,5 ... 4 mm²	2,5 ... 10 mm²	16 ... 35 mm²
AWG Conductor	20 ... 10	14 ... 6	4 ... 1
Dimensions			
a	11,3	17,2	23,3
b	15,6	15,6	18,2
c	5,5	8,7	14,4

IBK type clamping yokes are designed with blue insulation Widths in order to indicate connection to the N-Lead. They Terminals can be used with DB 5 marking tag.

	IBK 4 525 371	IBK 10 525 372	IBK 35 525 373
			
Electrical Ratings			
Cross-Section	4 mm²	10 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm
Fixing Screw	M 3	M 4	M 6
Busbar Dimensions	10 x 3	10 x 3	10 x 3
Isolation Width	Blue	Blue	Blue
Torque	0,5 Nm	1,2 Nm	2,8 Nm
Qty.			
	100	100	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 10 mm²	16 ... 50 mm²
Fine Strand,	0,5 ... 4 mm²	2,5 ... 10 mm²	16 ... 35 mm²
AWG Conductor	20 ... 10	14 ... 6	4 ... 1
Dimensions			
a	14,1	19,9	8,8
b	18,8	18,8	31,7
c	6,4	8,5	14,1

IBK type clamping yokes are designed with yellow - green insulation Widths to emphasise the protection function. They Terminals can be used with DB 5 marking tag.

IBK 4
525 381



IBK 10
525 382

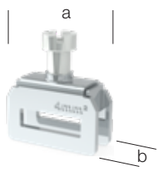


IBK 35
525 383



Electrical Ratings			
Cross-Sec.	4 mm²	10 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm
Fixing Screw	M 3	M 4	M 6
Busbar Dimensions	10 x 3	10 x 3	10 x 3
Isolation Width	Yellow-Green	Yellow-Green	Yellow-Green
Torque	0,5 Nm	1,2 Nm	2,8 Nm
Qty.			
	100	100	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 10 mm²	16 ... 50 mm²
Fine Strand,	0,5 ... 4 mm²	2,5 ... 10 mm²	16 ... 35 mm²
AWG Conductor	20 ... 10	14 ... 6	4 ... 1
Dimensions			
a	14,1	19,9	8,8
b	18,8	18,8	31,7
c	6,4	8,5	14,1

BKN 4
525 410



BKN 16
525 420



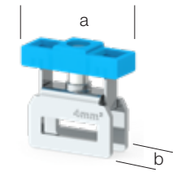
BKN 35
525 430



Electrical Ratings			
Cross-Sec.	4 mm²	16 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm
Fixing Screw	M 4	M 5	M 6
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3
Isolation Width	-	-	-
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm
Qty.			
	50	50	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
Fine Strand,	0,5 ... 4 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
AWG Conductor	20 ... 10	16 ... 6	14 ... 2
Dimensions			
a	18	18	18
b	7	10	14

new

IBKN 4
525 441



new

IBKN 16
525 451



new

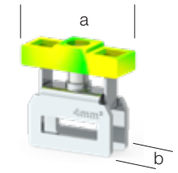
IBKN 35
525 461



Electrical Ratings			
Cross-Sec.	4 mm²	16 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm
Fixing Screw	M 4	M 5	M 6
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3
Isolation Width	Blue	Blue	Blue
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm
Qty.			
	50	50	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
Fine Strand,	0,5 ... 4 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
AWG Conductor	20 ... 10	16 ... 6	14 ... 2
Dimensions			
a	18	18	18
b	7	10	14

new

IBKN 4
525 442T



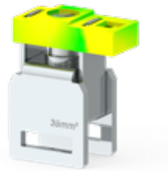
new

IBKN 16
525 452T



new

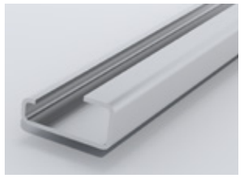
IBKN 35
525 462T



Electrical Ratings			
Cross-Sec.	4 mm²	16 mm²	35 mm²
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm
Fixing Screw	M 4	M 5	M 6
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3
Isolation Width	Yellow-Green	Yellow-Green	Yellow-Green
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm
Qty.			
	50	50	50
Connection Data			
Solid Strand	0,5 ... 6 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
Fine Strand,	0,5 ... 4 mm²	1,5 ... 16 mm²	2,5 ... 35 mm²
AWG Conductor	20 ... 10	16 ... 6	14 ... 2
Dimensions			
a	18	18	18
b	7	10	14

DIN Rails

MR 32



General Features	
Cat. No.	**500 101**
Unit Length (m)	1
Description	Non-Slotted Zinc Coated Steel
Qty.	10

MR 35 x 7,5



Cat. No.	**500 601**
Unit Length (m)	1
Description	Non-Slotted Zinc Coated Steel
Qty.	10
Cat. No.	**500 603**
Unit Length (m)	2
Description	Non-Slotted Zinc Coated Steel
Qty.	10
Cat. No.	**500 605**
Unit Length (m)	3
Description	Non-Slotted
Qty.	10

MR 35 x 7,5



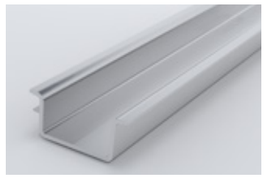
Cat. No.	**500 602**
Unit Length (m)	1
Description	Slotted Zinc Coated Steel
Qty.	10
Cat. No.	**500 604**
Unit Length (m)	2
Description	Slotted Galvanised Steel Sheet
Qty.	10

MR 35 x 7,5



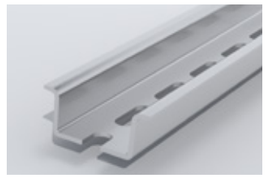
Cat. No.	**500 602E**
Unit Length (m)	1
Description	Slotted Galvanised Steel Sheet
Qty.	10
Cat. No.	**500 604E**
Unit Length (m)	2
Description	Slotted Galvanised Steel Sheet
Qty.	10

MR 35 x 15



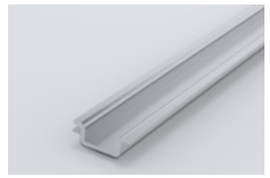
500 606
1
Non-Slotted / Zinc Coated Steel
10
500 608
2
Non-Slotted / Zinc Coated Steel
10

MR 35 x 15



500 607
1
Slotted / Zinc Coated Steel
10
500 609
2
Slotted / Zinc Coated Steel
10

MR 15 x 5,5



500 610
1
Non-Slotted / Zinc Coated Steel
50
500 612
2
Non-Slotted / Zinc Coated Steel
10

MR 15 x 5,5



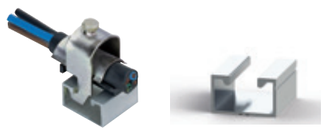
500 611
1
Slotted / Zinc Coated Steel
50
500 613
2
Slotted / Zinc Coated Steel
10

Cable Clamps



Cat. No.	Product	Max. Cable Tie Width (mm)	Dimensions (mm)	Qty.
510 110	K 1	8 - 12	19x51	25
510 120	K 2	11 - 18	22.5x50	25
510 130	K 3	12 - 23	28.5x55	25

Cable Clamp Rail



Cat. No.	Product	Dimensions (mm)	Qty.
510 500	KR 1	30x35	1

DIN Rail Support



RT

General Features	
Cat. No.	**501 101**
Qty.	25

Rail Cutting Tool

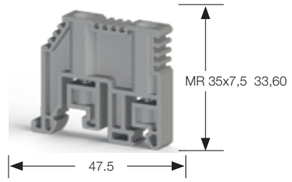
Cat. No.	Product	Cutting Thickness	Cutting Capacity	Length Adjustment	Qty.
500 650	KRKM	1,5 mm	7.5x35 mm 15x35 mm Tij Ø8mm	100 cm	1

- 3 different cutting slots
- Clean Cut
- Lossless cutting
- Non-blunting knife
- Length adjustment guide

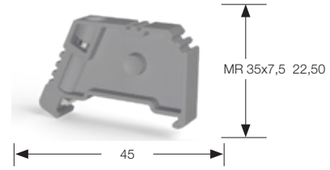


End Brackets

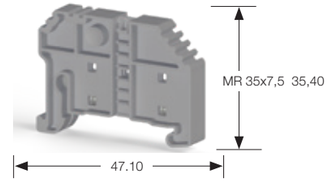
WGD 1



KD 3

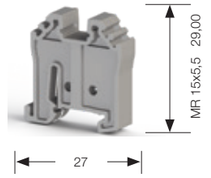


KD 4

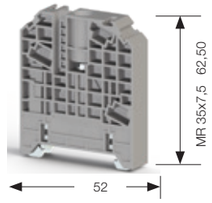


Cat. No.	495 039 - Grey 495 030 - Beige	495 049 - Grey 495 040 - Beige	495 059 - Grey 495 050 - Beige
	Screw-type end bracket mounted on MR32 and MR 35 types of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with Spring Clamp and Practical Spring Clamp feed-through terminals.
Qty.	100	100	100
Marker		508 530 SIFX 0615Y (6x15 mm)	508 530 SIFX 0615Y (6x15 mm)

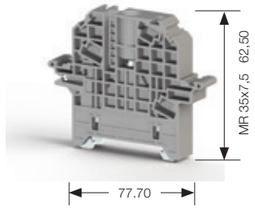
KD 5



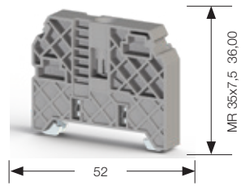
KD 6



KD 6A

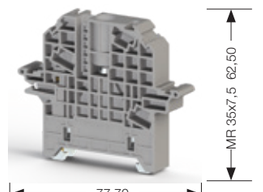


KD 7

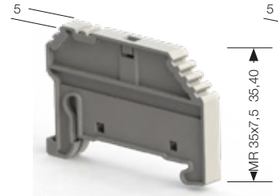


Cat. No.	495 069 - Grey 495 060 - Beige	495 099 - Grey 495 090 - Beige	495 109 - Grey 495 100 - Beige	495 219 - Grey 495 210 - Beige
	Without screw end bracket mounted on MR 15 type of DIN-rail. Can be used together with Mini Screw Connection and Mini Spring Clamp feed-through terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for small and middle cross-sections.
Qty.	100	50	50	50

KD 6T



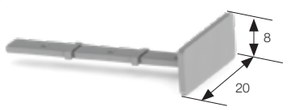
KD 8



new KD 8/NM

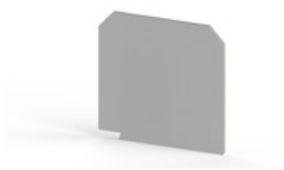
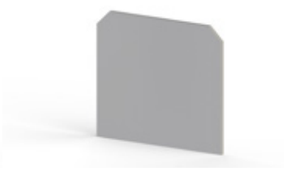
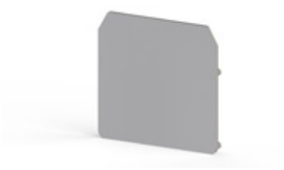


ME4



Cat. No.	495 209 - Grey 495 200 - Beige	495 229 - Grey 495 220 - Beige	497 069 - Grey	ME 496 329 - Grey ME 496 320 - Beige
	Screw type end bracket mounted on MR 35type of DIN-rail. Can be used together with feed-through terminals for high cross-sections. Provides distribution block with 10x3 mm busbar.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Suitable for KD 8 and KD 8/NM 808 505 KCIP - Y 8x20 808 409 PYE-05 YL 18x8 808 428 PYE-05 SV 18x8 808 427 PYE-05 W 18x8
Qty.	50	50	50	25

Seperation Plate

	APP/AVK 2,5-10	APP/AVK 16	APP/AVK 16RD
			
Cat. No.	**462 120 - Grey** **462 129 - Beige**	**462 160 - Grey** **462 169 - Beige**	**462 170 - Grey** **462 179 - Beige**
Technical Data			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V2	V2
Packing unit (pcs.)	25	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
Dimensions (mm)			
Width	1,2	1,5	1,5
Length	42,70	49,40	52,80
Height	39	45	50,70

	APP/AVK 35RD	APP-PB 2,5-6/NM	APP-PB 25/NM
			
Cat. No.	**462 180 - Grey** **462 189 - Beige**	**464 009 - Grey** **464 000 - Beige**	**464 019 - Grey** **464 010 - Beige**
Technical Data			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V0	V0
Packing unit (pcs.)	10	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
Dimensions (mm)			
Width	1,5	1,5	2
Length	52,80	55,70	109
Height MR 35x7,5	63,70	59	69,80
Height MR 35x15	71,20	66,50	77,30
Height MR 32	68,30	63,60	74,40

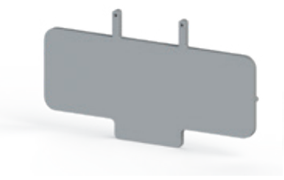
Small Partition

Type	Color	Description	Cat. No.	Qty.
AD 1	Grey	AVK 2,5 - 10	**467 919**	100
AD 2	Grey	AVK 16 RD / 35 RD	**468 059**	100
AD 3	Grey	AVK 16 RD / 35 RD	**468 059**	100

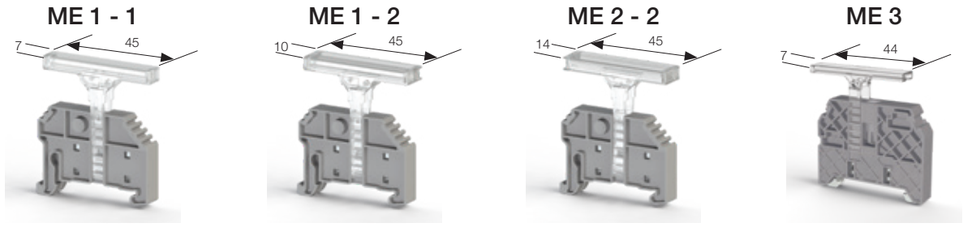


Seperation Plate

	APP/PYK 1,5-2,5-4	APP/PYK 6	APP/PYK 10
			
Cat. No.	**463 180 - Grey** **463 189 - Beige**	**463 190 - Grey** **463 199 - Beige**	**463 200 - Grey** **463 209 - Beige**
Technical Data			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V2	V2
Packing unit (pcs.)	25	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
Dimensions (mm)			
Width	2	2	2
Length	65,50	75,60	85,40
Height MR 35x7,5	47,20	49,40	54,20
Height MR 35x15	54,70	56,90	61,70
Height MR 32	-	-	-

	APP/WGO 5	SKK-MR35
		
Cat. No.	**463 219 - Grey** **463 210 - Beige**	**468 069 - Grey** **468 060 - Beige**
Technical Data		
Insulating material	PA	PA
Inflammability class according to UL 94	V2	V2
Packing unit (pcs.)	25	10
Continuous operating temp. max.	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C
Dimensions (mm)		
Width	2,50	2,10
Length	93,40	75
Height MR 35x7,5	51,30	85,50
Height MR 35x15	-	93
Height MR 32	-	90,10

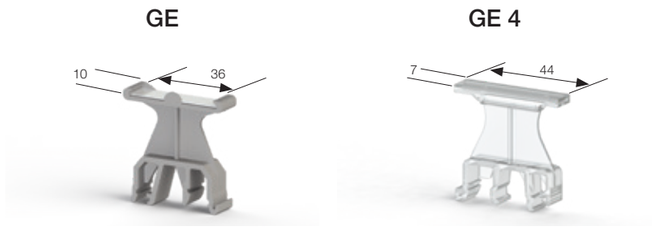
Modular Group Markers



Cat. No.	496 12A - Transparent	496 13A - Transparent	496 14A - Transparent	496 300 - Transparent
Qty.	25	25	25	50
End Stopper	KD 4 - KD 6 - KD 6T	KD 4 - KD 6 - KD 6T	KD 4 - KD 6 - KD 6T	KD 7
Label Klecard	808 500 KCIP-Y 7x44	808 500 KCIP-Y 7x44 808 506 KCIP-Y 9x35	808 500 KCIP-Y 7x44 808 506 KCIP-Y 9x35	808 500 KCIP-Y 7x44
Office Printer Label	508 530 SI FX 0615Y	508 530 SI FX 0615Y	508 530 SI FX 0615Y	508 520 SIT FP 4407Y

ME type modular group markers provide flexible solutions for the marking of terminal blocks. Four different group markers are designed which can be mounted on KD4, KD6, KD6A, KD6T and KD7 type end-brackets. ME3 type group marker can only be used with KD7 end bracket.

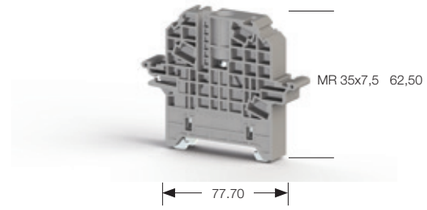
Group Markers



Cat. No.	Product	Description	Marker Cat. No.	Color	Qty.
496 110	GE	Group Marker MR 32/MR 35		Beige	50
496 119	GE	Group Marker MR 32/MR 35		Grey	50
496 310	GE 4	Group Marker MR 32/MR 35 (Transparent)	508 520 SIT FP 4407 (7x44 mm)	Transparent	50

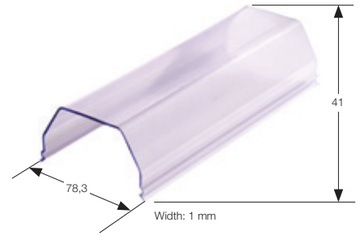
KD 6A

Cat. No.	495 109 - Grey 495 100 - Beige
	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.
Qty.	50



Cover for KD 6A

Type	Color	Cat. No.	Qty.
Cover for KD 6A	Transparent Cover	**498 190**	1



Sealing Pin for KD 6A

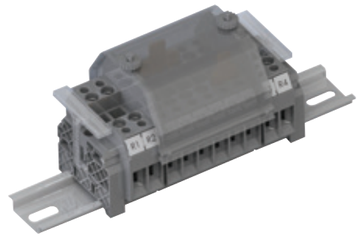
Type	Color	Cat. No.	Qty.
KD 6A	Orange Sealing Pin	**498 187**	100



Holding Plate for Cover

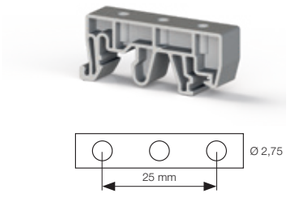
Type	Color	Cat. No.	Qty.
SKK - MR 35	Grey	**468 069**	10
SKK - MR 35	Beige	**468 060**	10





Rail Adaptor RA 10

Type	Color	Cat. No.	Qty.
RA 10	Grey	**498 459**	50
RA 10	Beige	**498 450**	50



DIN Rail Sockets

PAP



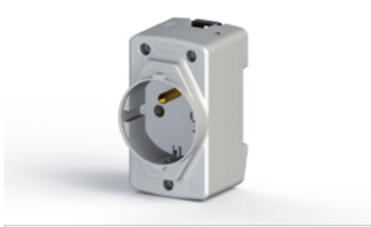
	DIN Rail Socket Earth
Cat. No.	**670 100**
Qty.	1
Width / Height / Depth (mm)	41.80 / 74.80 / 49.20
Voltage / Current / Cross-Section	250 V / 16 A / 6 mm2
Single ve Fine Strand, (mm2)	0.5 - 10
Conductors with ferrules (mm2)	0.5 - 6

PAP - LED



	DIN Rail Socket LED + Earth
Cat. No.	**670 200**
Qty.	1
Width / Height / Depth (mm)	41.80 / 74.80 / 49.20
Voltage / Current / Cross-Section	250 V / 16 A / 6 mm2
Single ve Fine Strand, (mm2)	0.5 - 10
Conductors with ferrules (mm2)	0.5 - 6

PAP - UPS



DIN Rail Socket UPS
670 300
1
41.80 / 74.80 / 46.70
250 V / 16 A / 6 mm2
0.5 - 10
0.5 - 6

PAP - UPS + LED



DIN Rail Socket LED + UPS
670 400
1
41.80 / 74.80 / 46.70
250 V / 16 A / 6 mm2
0.5 - 10
0.5 - 6

PAP - KK



DIN Rail Socket Children Protection + Earth
670 500
1
41.80 / 74.80 / 46.70
250 V / 16 A / 6 mm2
0.5 - 10
0.5 - 6

KLEMSAN MARKING SOLUTIONS



Marking Systems / Printers

We offer the most suitable solutions for your projects thanks to our thermal marking systems.
You can experience the high efficiency and easy application with Klemsan Marking Systems which will definitely suit all your industrial requirements.

KLECARD Thermal Card Printer



The fastest and easiest way for marking a wide variety of labels and tags is only possible with Klecard itself.
- Terminal Blocks
- Cables
- Panel Surface and Components
- All Kinds of Industrial Products and Devices

can be easily marked with thermal transfer technology.
Windows® based driver will provide ease of use. Even smallest symbols, drawings, barcodes and QR Codes can be printed.

KL-Tx300 – Thermal Roll Printer



High-speed KL-Tx300 thermal transfer printer is designed for marking labels and tags within roll format. Light and compact design of the printer ensures the ease of use in the most challenging field conditions. All kinds of panel building components such as cable markers, terminal strip labels and other industrial labels can be marked with KL-Tx300.

Software

KlemarkPRO is developed by Klemsan in order to manage all kinds of marking projects through one software.

- Easy setup. Operator needs only basic computer skills.
- Compatible with all Klemsan printers.
- Provides high performance for printing all types of texts, symbols and images.
- Advanced features provide high-quality preview and quick operation.
- Graphic design and Klecard universal drivers can be automatically uploaded during set-up. (Windows® compatibility.)



Hardware Requirements

CPU	32-bit / 64-bit Intel® or AMD® Processor
RAM	2 GB of RAM (4 GB recommended)
Disc Space (HDD/SDD)	4.0 GB of free disk space for installation
Display	15.6" monitor (17" recommended)
Input Devices	Keyboard, three-button mouse

Software Requirements

Operating System	Microsoft® Windows® Vista, 7, 8/8.1/10 with NET Framework 4.0
Internet Browser	Microsoft® Internet Explorer®, Google Chrome™, Mozilla® Firefox®

Software Features

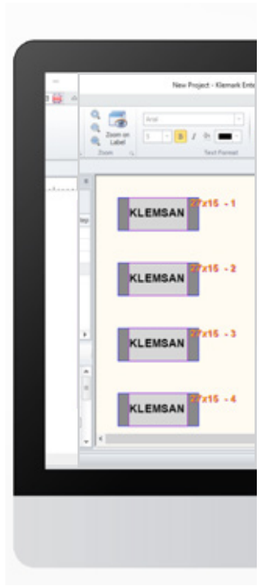
Reconfiguration Oriented Project

The marking project is a relational database which can be continuously reconfigured, by sorting and grouping different materials on different machines. You can modify, complete your project or adapt it to different system configurations in an efficient way with minimum effort.

Intuitive User Interface That Complies with the WYSIWYG (What You See is What You Get) Philosophy of MS-Windows

The user can manage these records in a combined Tree-Grid view with sorting, filtering and grouping functions.

- The preview of project pages is automatically updated after editing as immediate feedback.
- Visual editing in preview screen and synchronization with the Tree-Grid view.
- Undo/Redo functions for project operations on records/project.
- Clipart collection of symbols by dragging and dropping into the project (in Graphic Mode).
- Simple Text and RTF (rich-text-format) editing capability on labels.
- Graphic Editor for labels with support for RTF, Barcode, QR-Code, circular text, vector and raster images.



Material Management

The material hierarchical (Tree-Grid) view allows direct selection into preview screen for visual editing.

Material and Custom Label Designer

Easy and functional geometrical label design and text attributes for Klemsan standard materials and customer predefined/layout labels. Smart way of assigning printing settings to each material from parameter database.

Strip / Endless / Ribbon Material Support

The Terminal Strip Editor is a powerful graphic editor with print preview capabilities for ribbon/strip materials.

Printer Settings

Printers management utility for assigning printers to materials category, also for defining the materials organization on each printer pad.

Print Settings

Capability for selection, copy factors, machine settings control during the printing process.

Page Printing Management

The pages to be printed can be viewed hierarchically (Tree-Grid) which allows label grouping or individual label selection.

International Language Support

The application fully supports UNICODE languages for the user interface and for the text to be marked.

KLECARD Thermal Card Printing

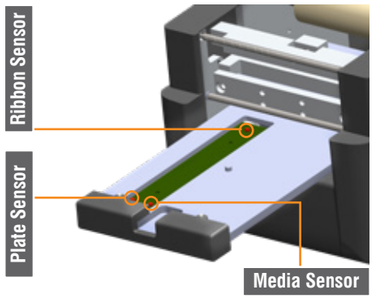


Cat. No.	Product
806 000	Klecard Thermal Card Printer

The marking process has never been so effortless. Printing dozens of labels and tags just in seconds will give you an opportunity to complete your projects faster than what you plan. Klecard is the new amazing marking solution based on the thermal transfer print technology, which is alcohol-proof, smudge-proof and waterproof with no drying time. Klecard is so fast that you can print any kind of label card in less than 10 seconds with a huge thermal resistance level according to international standards. It is ideal for high volume applications with low-cost printing per card with a resolution of 300 x 600 dpi.

Terminal blocks, cables, panel components, buttons and many more products can be marked with our Klecard Printer thanks to our marking software Klemark-Pro.

Features



- Ribbon saving algorithm; ensures the optimal ribbon usage, lowering printing cost and maximizing efficiency.
- Built-in printhead integrity check; which automatically tests any printhead single element and ensures high-quality texts, symbols, barcodes and images.
- Perfect printing mode; which allows you to print different media types with the best settings of the printer (speed rate, printing intensity and ribbon control).
- Automatic temperature sensing; which controls the status of the printhead to adjust it at the best conditions depending on the operating environment climate.
- Sensing control; Klecard has three sensors to manage ribbon, plates and media. The machine will start printing only when the plate, the ribbon and media are placed on the machine.

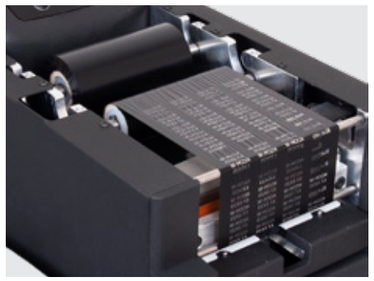
Warning: **The printhead working temperature condition is between 5-55 °C range.**

Package Contents

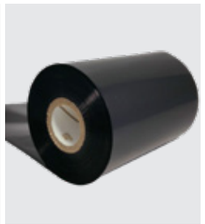


- 1 KleCard Printer
- 1 Power Supply
- 1 Power Cable (Schuko Standard)
- 1 Plate for Terminal Blocks Markers
- 1 Plate for Flat Media
- 1 Plate for Cable Markers
- 1 USB Cable

Klecard and Accessories







Ribbons

Cat. No.	Product	Size (mm)	Color	Qty.
806 100	KL-RB Ribbon	110x300	Black	1

- Klecard's resin ribbons are premium grade with high-performance formula.
- The ribbon is 110 mm wide and 300 meters long.
- Low heat thermal transfer ability settings of the printer will minimize the printhead aging.
- Long durability (outdoor and indoor), excellent resistance to UV, scratch, abrasion, rubbing, steam, sweat, water, alcohol and many chemicals.
- The printing can resist up to 150°C.
- Easy replacement: the inner cores are a unique Klemsan design for easy and fast ribbon change.

Note: To ensure the best printing quality and efficiency on Klemsan Thermal Marking Systems, only Klemsan original consumable products must be used. Otherwise, the subject products will not be covered by warranty conditions.

Klecard and Accessories

Plates

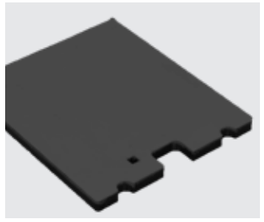


Plate KL-PLT A for Terminal Block Markers

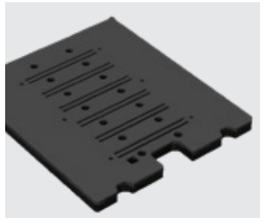


Plate KL-PLT B for Flat Media

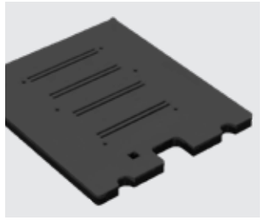
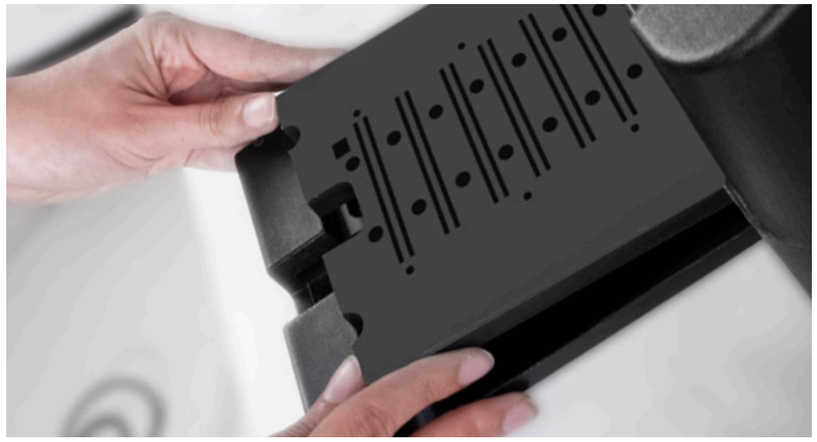
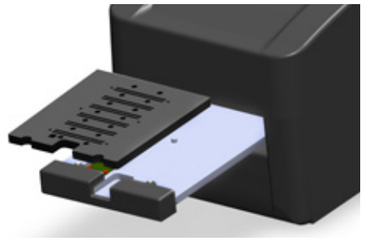
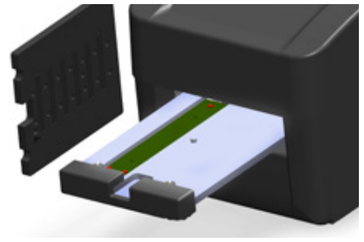


Plate KL-PLT C for Clip-it Cable Markers

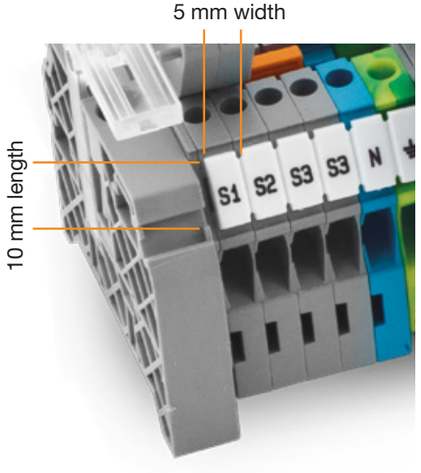
Cat. No.	Product
806 010	KL-PLT A Plate (for Terminal Block Markers)
806 020	KL-PLT B Plate (for Flat Media)
806 030	KL-PLT C Plate (for Clip-it Cable Markers)







Marking for Terminal Blocks





Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
811 750	D-NS 5x10	4,2x9,8	White	72	720
812 250	D-NS 6x10	5,2x9,8	White	60	600
812 750	D-NS 8x10	7,2x9,8	White	48	480
813 100	D-NS 10x10	9,2x9,8	White	36	360
813 450	D-NS 12x10	11,2x9,8	White	30	300
810 300	D-NS 5x6	4,4x6,0	White	72	720
810 450	D-NS 5,2x6	4,4x6,0	White	72	720
810 150	D-NS 4,2x6	3,6x6,0	White	84	840
810 600	D-NS 6,2x6	5,4x6,0	White	60	600
810 750	D-NS 8x6	6,4x6,0	White	48	480
811 000	D-NS 10x6	8,4x6,0	White	36	360
811 250	D-NS 12x6	10,4x6,0	White	30	300

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
AVK 2,5		✓			
AVK 4			✓		
AVK 6				✓	
AVK 10					✓
AVK 16					✓
AVK 50					
AVK 95					
AVK 150					
AVK 240					
AVK 2,5 RD		✓			
AVK 4 RD			✓		
AVK 16 RD					✓
AVK 25 RD					✓
AVK 35 RD					✓
AVK 70 RD					
AVK 50T					
AVK 2,5T RD			✓		
AVK 4 T RD				✓	
AVK 16 T RD					✓
AVK 35 T RD					✓
AVK PB 50					
AVK PB 70 RD					
AVK PB 95					
AVK PB 150					
AVK PB 240					
AVK 95 B					✓
AVK 150 B					✓
AVK 240 B					✓
AVK 2,5 CC			✓		
AVK 4 GD		✓		✓	
AVK 10 RD 4					✓
AVK 2,5 F			✓		
AVK 2,5 CF			✓		
AVK 2,5 A			✓		
AVK 2,5R			✓		
AVK 2,5RT			✓		
AVK SKT		✓			
AVK SKTD		✓			
AVK AS				✓	
AVK ASD				✓	
AVK 2,5 CCT			✓		
AVK 10 T RD 4					✓
AVK 2,5 EA			✓		
AVK 2,5 CCA			✓		
AVK 4 FS		✓			
AVK 10 RD 4					✓
AVK 2,5 F		✓			
AVK 2,5 CF		✓			
AVK 2,5 A		✓			
AVK 2,5R		✓			
AVK 2,5RT		✓			
AVK SKT	✓				
AVK SKTD	✓				

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
AVK AS			✓		
AVK ASD			✓		
AVK 2,5 CCT		✓			
AVK 10 T RD 4					✓
AVK 2,5 EA		✓			
AVK 2,5 CCA		✓			
AVK 4 FS	✓				
AVK 2,5-4TK			✓		
AVK 4A					
AVK 4CC			✓		
AVK 4CCA			✓		
AVK 4CE			✓		
AVK 4CEA			✓		
AVK Y4					
AVK Y6				✓	
AVK Y10					✓
AVK 4R			✓		
AVK 4RT			✓		
AVK 6TK				✓	
AVK 10TK					✓
AVK 35 IRDS					✓
AVK 35 RDS					✓
AVK 35T IRDS					✓
AVK 35T RDS					✓
MVK 2,5					
PIK 2,5 N		✓			
PIK 2,5 NK		✓			
PIK 2,5 ND-A		✓			
PIK 2,5 ND-B		✓			
PIK 2,5 NLD		✓			
PIK 4 N			✓		
PIK 4 NK			✓		
PIK 4 ND-A			✓		
PIK 4 ND-B			✓		
PIK 4 NLD			✓		
PIK 2,5 NT		✓			
PIK 4 NT			✓		
ASK 4 B				✓	
ASK 4 S				✓	
ASK 4 LD				✓	
ASK 5				✓	
ASK 5B				✓	
ASK 5 LD				✓	
PYK 1,5 M					
PYK 1,5					
PYK 2,5		✓			
PYK 4			✓		
PYK 6				✓	
PYK 10					✓
PYK 1,5 MT					
PYK 2,5 T		✓			
PYK 4 T			✓		
PYK 6 T				✓	

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
PYK 10 T					✓
PYK 2,5-2 F		✓			
PYK 2,5-2 FK		✓			
PYK 2,5 - 2 FLD		✓			
PYK 4 - 2 F			✓		
PYK 2,5 - 2 FD A		✓			
PYK 2,5 - 2 FD B		✓			
PYK 2,5 - 3 F		✓			
PYK 2,5 - 2 FT		✓			
PYK 2,5 - 3 FT		✓			
PYK 3 S		✓			
PYK 3 SLD (NPN)		✓			
PYK 3 SLD (PNP)		✓			
PYK 4 S				✓	
PYK 4 I				✓	
PYK 4 ILD				✓	
PYK 4 SLD				✓	
PYK 2,5 A		✓			
PYK 2,5 EA		✓			
PYK 2,5 CCA		✓			
PYK 2,5 E		✓			
PYK 2,5 ET		✓			
PYK 2,5 C		✓			
PYK 2,5 CT		✓			
PYK 4 E			✓		
YBK 2,5		✓			
YBK 4			✓		
YBK 6				✓	
YBK 10					✓
YBK 2,5 T		✓			
YBK 4 T			✓		
YBK 6 T				✓	
YBK 10 T					✓
YBK 2,5-2 F	✓				
YBK 2,5-2 FK	✓				
YBK 2,5-2 FD-A	✓				
YBK 2,5-2 FD-B	✓				
YBK 2,5-2 FLD	✓				
YBK 4-2 F			✓		
YBK 4-2 FK			✓		
YBK 4-2 FD-A			✓		
YBK 4-2 FD-B			✓		
YBK 4-2 FLD			✓		
YBK 2,5-3 F	✓				
YBK 2,5-2 FT	✓				
YBK 2,5-3 FLD (NPN)	✓				
YBK 2,5-3 FLD (PNP)	✓				
YBK 3 S	✓				
YBK 3 SLD (NPN)	✓				
YBK 3 SLD (PNP)	✓				
YBK S	✓				
YBK SB	✓				
YBK SLD	✓				

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
YBK 2,5 A		✓			
YBK I	✓				
YBK IB	✓				
YBK ILD	✓				
YBK 2,5 E		✓			
YBK 2,5 C		✓			
YBK 2,5 CX2		✓			
YBK 2,5 CD		✓			
YBK 2,5 CLD		✓			
YBK 2,5 CT		✓			
YBK 2,5 ET		✓			
PCY 2,5	✓				
PCY 2,5 N	✓				
PCY 2,5 E	✓				
PCY 2,5 L	✓				
PCY 2,5 EL	✓				
PB 2,5			✓		
PB 2,5T			✓		
PB 2,5K			✓		
PB 6				✓	
PB 6K				✓	
PB 25_M5					✓
PB 25_M6					✓
PB 6 T				✓	
CPB 6	✓				
CPB 6B	✓				
WGO 1				✓	
WGO 2 N					✓
WGO 2 IR					✓
WGO 3				✓	
WGO 4				✓	
WGO 5				✓	
WGL 1				✓	
WGO Y 6				✓	
WGO YD 6				✓	
WGO PB 6				✓	
WGO PBD 6				✓	
PYKM 2,5	✓				
PYKM 2,5 T	✓				
PYKMR 2,5	✓				
AYK 10/16	✓				
TRV 4 S	✓				

Product	D_NS 5,2x6	D_NS 6x10
WG - Eki		✓
PTP 2,5	✓	
PTP 2,5T	✓	
CTP 2,5	✓	
CTP 2,5T	✓	
CTP 2,5E	✓	
CTP 2,5ET	✓	
CTP 2,5C	✓	
CTP 2,5CT	✓	
CTP 2,5EA	✓	
CTP 2,5-2F	✓	
CTP 2,5-FT	✓	
CTP 2,5-2T	✓	
CTP 2,5-2FK	✓	
SG_PT 2,5	✓	
SG_PT 2,5CS	✓	
SG_PT 2,5DB	✓	
SG_PT 2,5AN	✓	
SC_PT 2,5	✓	
SC_PTS 2,5	✓	
SC_PTR 2,5	✓	
SRD 2,5	✓	
SRD 2,5D-A	✓	
SRD 2,5D-B	✓	
SRD 2,5E	✓	
SRD 2,5ED-A	✓	
SRD 2,5ED-B	✓	
SRD 2,5C	✓	
SRD 2,5CD-A	✓	
SRD 2,5CD-B	✓	
SRD 2,5Cx2	✓	
SRD 2,5CLD-24VDC	✓	
SRD 2,5CLD-24VAC	✓	
SRD 2,5CLD-48VDC	✓	
SRD 2,5CLD-48VAC	✓	
SRD 2,5CLD-110VDC	✓	
SRD 2,5CLD-110VAC	✓	
SRD 2,5CLD-220VDC	✓	
SRD 2,5CLD-220VAC	✓	
SRD 2,5A	✓	
SRD 2,5AD-A	✓	
SRD 2,5AD-B	✓	
SRD 2,5AK	✓	
SRD 2,5EA	✓	
SRD 2,5EAD-A	✓	
SRD 2,5EAD-B	✓	
SRD 2,5EAK	✓	
SRD 2,5CA	✓	
SRD 2,5CAD-A	✓	
SRD 2,5CAD-B	✓	
SRD 2,5CAK	✓	
SRD 2,5-2F	✓	

Product	D_NS 5,2x6	D_NS 6x10
SRD 2,5-2FD-A	✓	
SRD 2,5-2FD-B	✓	
SRD 2,5-2FD-R	✓	
SRD 2,5-2FLD-24VDC	✓	
SRD 2,5-2FLD-24VAC	✓	
SRD 2,5-2FLD-48VDC	✓	
SRD 2,5-2FLD-48VAC	✓	
SRD 2,5-2FLD-110VDC	✓	
SRD 2,5-2FLD-110VAC	✓	
SRD 2,5-2FLD-220VDC	✓	
SRD 2,5-2FLD-220VAC	✓	
SRD 2,5-F2D-A	✓	
SRD 2,5-F2D-B	✓	
SRD 2,5-FD-L	✓	
SRD 2,5-FN	✓	
SRD 2,5-2FK	✓	
SRD 2,5-FT	✓	
SRD 2,5-NT	✓	
SRD 2,5-3F	✓	
SRD 2,5-3FK	✓	
SRD 2,5-2KF	✓	
SRD 2,5-3FLD-24VDC	✓	
SRD 2,5-3FLD-48VDC	✓	
SRD 2,5-3FLD-110VDC	✓	
SRD 2,5-3FLD-220VDC	✓	
SRD 2,5-2FT	✓	
SRD 3S	✓	
SRD 3SLD-NPN	✓	
SRD 3SLD-PNP	✓	

Marking For Cables

Clip-it Cable Markers - KE-NS Series



Cat. No.	Product	Print Area (mm)	Max.Cable Diameter (mm)	Color	Labels per Card	Labels per Pack
814 300	KE1-NS 4x12 W (0,5-1,5mm²)	4x12	2,00-2,90	White	40	240
814 500	KE2-NS 4x12 W (1,5-2,5mm²)	4x12	2,90-3,50	White	36	180
814 700	KE3-NS 4x12 W (4,0-6,0mm²)	4x12	4,00-4,60	White	32	128
814 900	KE1-NS 4x18 W (0,5-1,5mm²)	4x18	2,00-2,90	White	40	240
815 100	KE2-NS 4x18 W (1,5-2,5mm²)	4x18	2,90-3,50	White	36	180
815 300	KE3-NS 4x18 W (4,0-6,0mm²)	4x18	4,00-4,60	White	36	180
814 303	KE1-NS 4x12 Y (0,5-1,5mm²)	4x12	2,00-2,90	Yellow	40	240
814 503	KE2-NS 4x12 Y (1,5-2,5mm²)	4x12	2,90-3,50	Yellow	36	180
814 703	KE3-NS 4x12 Y (4,0-6,0mm²)	4x12	4,00-4,60	Yellow	32	128
814 903	KE1-NS 4x18 Y (0,5-1,5mm²)	4x18	2,00-2,90	Yellow	40	240
815 103	KE2-NS 4x18 Y (1,5-2,5mm²)	4x18	2,90-3,50	Yellow	36	180
815 303	KE3-NS 4x18 Y (4,0-6,0mm²)	4x18	4,00-4,60	Yellow	36	180

Halogen Free - VO raw material.



NEW - Yellow Color Option

Marking For Cables

Cable Markers - KCPM Series

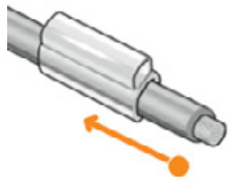




Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 951	KCPM-W 4x10	4x10	White	112	20
808 952	KCPM-W 4x15	4x15	White	80	20
808 954	KCPM-W 4x30	4x30	White	48	20
809 001	KCPM-Y 4x10	4x10	Yellow	112	20
809 002	KCPM-Y 4x15	4x15	Yellow	80	20
809 004	KCPM-Y 4x30	4x30	Yellow	48	20

- High impact strength PVC.
- Thickness: 500 microns
- Surface: Glossy
- Durable and impact resistant.
- This product resists water, chemicals, grease and oils.
- KCPM cable markers designed for marking cables. Markers must be inserted into transparent holders.
- Temperature range: - 30°C + 60°C

Transparent Holders For Cable Markers - KCKKS Series

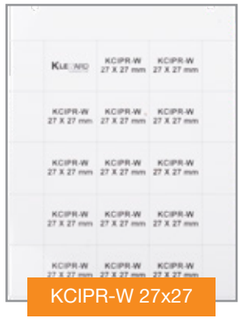




Cat. No.	Product	Qty.
809 100	KCKKS 10 / 0,5-1,5 mm²	500
809 110	KCKKS 15 / 0,5-1,5 mm²	500
809 120	KCKKS 18 / 0,5-1,5 mm²	500
809 130	KCKKS 23 / 0,5-1,5 mm²	500
809 140	KCKKS 30 / 0,5-1,5 mm²	500
809 150	KCKKS 10 / 1,5-2,5 mm²	500
809 160	KCKKS 15 / 1,5-2,5 mm²	500
809 170	KCKKS 18 / 1,5-2,5 mm²	500
809 180	KCKKS 23 / 1,5-2,5 mm²	500
809 190	KCKKS 30 / 1,5-2,5 mm²	500
809 200	KCKKS 10 / 2,5-4 mm²	500
809 210	KCKKS 15 / 2,5-4 mm²	500
809 220	KCKKS 18 / 2,5-4 mm²	500
809 230	KCKKS 23 / 2,5-4 mm²	500
809 240	KCKKS 30 / 2,5-4 mm²	500
809 250	KCKKS 10 / 6-10 mm²	500
809 260	KCKKS 15 / 6-10 mm²	500
809 270	KCKKS 18 / 6-10 mm²²	500
809 280	KCKKS 23 / 6-10 mm²	500
809 290	KCKKS 30 / 6-10 mm²²	500
809 300	KCKKS 10 / 16-25 mm²	500
809 310	KCKKS 15 / 16-25 mm²	500
809 320	KCKKS 18 / 16-25 mm²	500
809 330	KCKKS 23 / 16-25 mm²	200
809 340	KCKKS 30 / 16-25 mm²	200

Marking for Panel Surface and Components

Rigid Flat PVC Markers - KCIPR Series













Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 551	KCIPR-W 15x27	15x27mm	White	24	20
808 552	KCIPR-W 18x27	18x27mm	White	21	20
808 553	KCIPR-W 27x27	27x27mm	White	15	20
808 554	KCIPR-W 15x50	15x50mm	White	16	20
808 555	KCIPR-W 15x67	15x67mm	White	8	20
808 601	KCIPR-Y 15x27	15x27mm	Yellow	24	20
808 602	KCIPR-Y 18x27	18x27mm	Yellow	21	20
808 603	KCIPR-Y 27x27	27x27mm	Yellow	15	20
808 604	KCIPR-Y 15x50	15x50mm	Yellow	16	20
808 605	KCIPR-Y 15x67	15x67mm	Yellow	8	20
808 651	KCIPR-S 15x27	15x27mm	Silver	24	20
808 652	KCIPR-S 18x27	18x27mm	Silver	21	20
808 653	KCIPR-S 27x27	27x27mm	Silver	15	20
808 654	KCIPR-S 15x50	15x50mm	Silver	16	20
808 655	KCIPR-S 15x67	15x67mm	Silver	8	20

- High impact strength PVC.
- Thickness: 500 microns
- Surface: Glossy
- Extremely durable and impact resistant.
- Flame resistant and self-extinguishing.
- This product resists water, chemicals, grease and oils.
- Temperature service: - 30°C + 60°C

Marking for Panel Surface and Components

Adhesive Flat PVC Markers - KCIPA-W Series







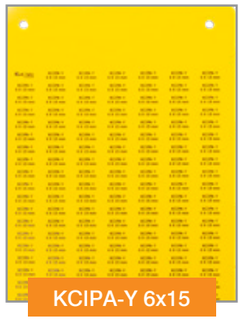
Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 701	KCIPA-W 10x17	10x17	White	78	20
808 702	KCIPA-W 9x12	9x12	White	120	20
808 703	KCIPA-W 6x15	6x15	White	154	20
808 704	KCIPA-W 9x15	9x15	White	105	20
808 705	KCIPA-W 8x20	8x20	White	80	20
808 706	KCIPA-W 9x35	9x35	White	45	20
808 707	KCIPA-W 9x50	9x50	White	30	20
808 708	KCIPA-W 8x27	8x27	White	48	20
808 709	KCIPA-W 12.5x27	12,5x27	White	30	20
808 710	KCIPA-W 15x27	15x27	White	27	20
808 711	KCIPA-W 18x27	18x27	White	21	20
808 712	KCIPA-W 27x27	27x27	White	15	20
808 713	KCIPA-W 18x35	18x35	White	21	20
808 714	KCIPA-W 15x50	15x50	White	18	20
808 715	KCIPA-W 15x67	15x67	White	9	20
808 716	KCIPA-W 50x100	50x100	White	2	40
808 717	KCIPA-W 105x130	105x130	White	1	20
808 718	KCIPA-W 75x100	75x100	White	1	20



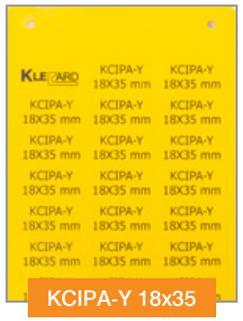
- High impact strength PVC with double coated adhesive tape.
- Thickness of adhesive: 220 microns (So, total 500 + 220 microns for the adhesive cards).
- Permanent modified acrylic adhesive.
- High adhesion on different substrates & rough surfaces.
- High temperature resistance.
- High holding power.

Marking for Panel Surface and Components

Adhesive Flat PVC Markers - KCIPA-W Series





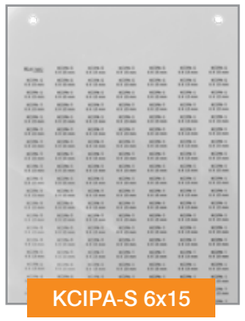


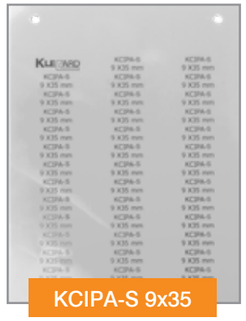
Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 751	KCIPA-Y 10x17	10x17	Yellow	78	20
808 752	KCIPA-Y 9x12	9x12	Yellow	120	20
808 753	KCIPA-Y 6x15	6x15	Yellow	154	20
808 754	KCIPA-Y 9x15	9x15	Yellow	105	20
808 755	KCIPA-Y 8x20	8x20	Yellow	80	20
808 756	KCIPA-Y 9x35	9x35	Yellow	45	20
808 757	KCIPA-Y 9x50	9x50	Yellow	30	20
808 758	KCIPA-Y 8x27	8x27	Yellow	48	20
808 759	KCIPA-Y 12.5x27	12,5x27	Yellow	30	20
808 760	KCIPA-Y 15x27	15x27,5	Yellow	27	20
808 761	KCIPA-Y 18x27	18x27	Yellow	21	20
808 762	KCIPA-Y 27x27	27x27	Yellow	15	20
808 763	KCIPA-Y 18x35	18x35	Yellow	21	20
808 764	KCIPA-Y 15x50	15x50	Yellow	18	20
808 765	KCIPA-Y 15x67	15x67	Yellow	9	20
808 766	KCIPA-Y 50x100	50x100	Yellow	2	40
808 767	KCIPA-Y 105x130	105x130	Yellow	1	20
808 768	KCIPA-Y 75x100	75x100	Yellow	1	20

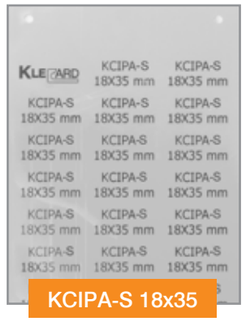


Marking for Panel Surface and Components

Adhesive Flat PVC Markers - KCIPA-S Series









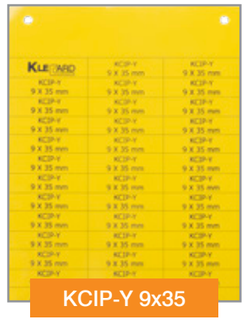


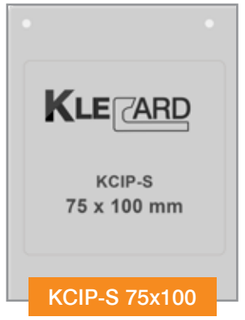
Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 801	KCIPA-S 10x17	10x17	Silver	78	20
808 802	KCIPA-S 9x12	9x12	Silver	120	20
808 803	KCIPA-S 6x15	6x15	Silver	154	20
808 804	KCIPA-S 9x15	9x15	Silver	105	20
808 805	KCIPA-S 8x20	8x20	Silver	80	20
808 806	KCIPA-S 9x35	9x35	Silver	45	20
808 807	KCIPA-S 9x50	9x50	Silver	30	20
808 808	KCIPA-S 8x27	8x27	Silver	48	20
808 809	KCIPA-S 12.5x27	12,5x27	Silver	30	20
808 810	KCIPA-S 15x27	15x27,5	Silver	27	20
808 811	KCIPA-S 18x27	18x27	Silver	21	20
808 812	KCIPA-S 27x27	27x27	Silver	15	20
808 813	KCIPA-S 18x35	18x35	Silver	21	20
808 814	KCIPA-S 15x50	15x50	Silver	18	20
808 815	KCIPA-S 15x67	15x67	Silver	9	20
808 816	KCIPA-S 50x100	50x100	Silver	2	40
808 817	KCIPA-S 105x130	105x130	Silver	1	20
808 818	KCIPA-S 75x100	75x100	Silver	1	20

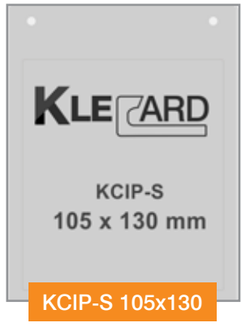
Marking for Panel Surface and Components

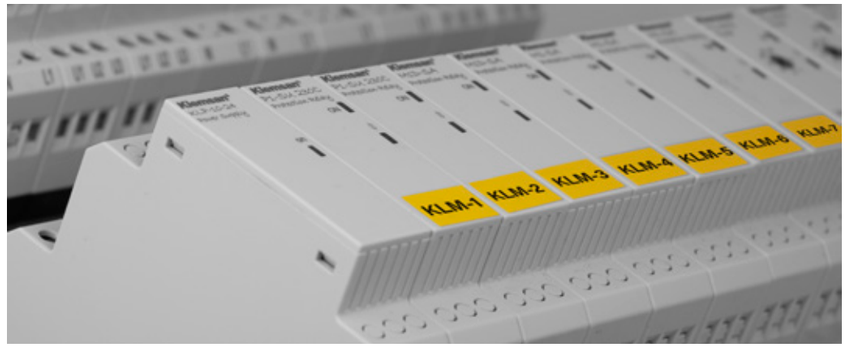
Adhesive Vinly Markers - KCIP Series











Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 500	KCIP-Y 7x44	7x44	Yellow	38	20
808 501	KCIP-Y 10x17	10x17	Yellow	78	20
808 502	KCIP-Y 9x12	9x12	Yellow	120	20
808 503	KCIP-Y 6x15	6x15	Yellow	154	20
808 504	KCIP-Y 9x15	9x15	Yellow	90	20
808 505	KCIP-Y 8x20	8x20	Yellow	80	20
808 506	KCIP-Y 9x35	9x35	Yellow	45	20
808 507	KCIP-Y 9x50	9x50	Yellow	30	20
808 508	KCIP-S 105x130	105x130	Silver	1	20
808 509	KCIP-S 75x100	75x100	Silver	1	20

- Vinyl adhesive flexible product.
- Thickness: 90 microns
- Surface: Glossy
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- Permanent acrylic adhesive glue on the back.
- High tack on aluminum, steel, HSE plastic (high surface energy).
- Temperature service: - 40°C + 80°C.



Marking for Panel Surface and Components

Marking For Buttons



Y-BEK S
BEK S



Y-BEK T
BEK T



Y-PAEK 1730
PAEK 1730



Y-PAEK 1752
PAEK 1752



Y-PAEK 1770
PAEK 1770

Cat. No.	Product	Print Area (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 603	PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 604	PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100
508 605	PAEK 1770	17 x 70	Black	100
508 701	Y-BEK T (Telemecanique)	30x17	Black	100
508 705	BEK T (Telemecanique)	30x17	Black	100
508 700	Y-BEK S (Siemens)	30x17 (22,5)	Black	100
508 704	BEK S (Siemens)	30x17 (22,5mm)	Black	100

Tag Holders Selection Guide



Cat. No.	Product	KCIPR 15x27	KCIPR 15x50	KCIPR 15x67
508 600	Y-PAEK 1730	✓		
508 601	Y-PAEK 1752		✓	
508 602	Y-PAEK 1770			✓
508 700	Y-BEK S	✓		
508 701	Y-BEK T	✓		



KL-Tx300 - Thermal Roll Printing



Cat. No.	Product
808 452	KL-Tx300 Thermal Roll Printer

KL-Tx300 has the same system as KLeCard – Thermal transfer system. KL-Tx300 is designed for roll form tags and labels whereas Klecard is designed for card shape media. KL-Tx300 labels are required to be polyester, paper or any kind of soft material which can easily pass through the thermal printhead. KL-Tx300 is the fastest and easiest way for high volume roll form labels printing with 300 dpi resolution. Three different sizes of black resin ribbons can be used with this printer.

Terminal blocks, cables, panel components, buttons, heat shrinkable sleeves and many more products can be marked with our KL-Tx300 Printer thanks to our marking software Klemark-Pro.

Features



Next generation high-performance KL-Tx300 desktop thermal printer, brings new standards in thermal printing and offers greater performance, compared to other printers in his field. The 4 inch series can simply print anything, tiny little symbols, numbers, graphics and barcodes for your applications; from cable marking with the smallest dimensions up to information cards for machine identification. Create high-quality, fast and durable labels for your marking needs.

1) Print speed up to 203 mm (8 inch) per second
2) 128 MB flash and 128 MB SDRAM memory
3) MicroSD Flash memory expansion up to 32 GB
4) User-friendly, double-walled folding design
5) Serial cable, internal Ethernet,
6) USB 2.0 & USB Host standard
7) 3.5” Colour TFT display
8) Labels up to 127 mm (5 inch) diameter
9) 300 meter ribbon compatible
10) ENERGY STAR®qualified

High Availability
Quick setup
Economic Printing

Features

KL-Tx300 Hardware Features

Order No	808 452
Printer Model:	KL-Tx300 (No display)
Resolution in DPI:	300
Printing Method:	Thermal Transfer & Thermal Direct
Printing Speed:	152 mm/s (6")
Max. Width:	106 mm/s (4,17")
Max. Lenght:	11.430 mm/s (450")
Casing:	Double - walled folding design made of plastic
Dimensions (mm):	226 mm (G) x 198 mm (Y) x 332 mm (B)
Dimensions (inch):	8,90" (G) x 7,80" (Y) x 13,07" (B)
Weight:	3,75 kg
Label Rolls:	127 mm (5") outer diamater
Ribbon:	300 m meters max. length; 67 mm outer diamater;1" core diameter
Ribbon Width:	40 mm to 110 mm (1,6" to 4,3")
Processor:	32-bit RISC CPU
Memory:	128 MB Flash Memory, 128 MB SDRAM Memory, MicroSD Flash memory expansion up to 32 GB
Connection:	USB 2.0; RS-232; Ethernet 10/100 Mbps; USB Host; Centronics (optional); External Bluetooth (server option); • External 802.11 b/g/n wireless module (server option)
Operating Buttons, LED/LCD:	Power switch; 1 Feed / Pause Button; LED panel with 8 large symbols / icons
Power:	Input: AC 100-240V, 2.5A, 50-60Hz Output: DC 24V, 3.75A, 90W
Sensors:	• Transmissive sensor for label gaps; Adjustable reflective marking sensor (Blackmark); Film rotation; Print head open
Real-Time Clock:	Optional
Internet Fonts:	• 8 alphanumeric bitmap fonts; Monotype Image® Truetype font set with a scalable CG Triumvirate bold condensed font
Barcode:	1D Barcode: Code 39, Code 93, Code 128UCC, Code 128 Charset A, B, C, Codebar, Interleave 2/5, EAN-8, EAN-13, EAN-128, UPCA,UPC-E, EAN and UPC 2 (5) Extension, MSI, PLESSEY, POSTNET, ITF14, EAN 14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode 2D Barcode: TLC39, CODABLOCK F, PDF-417, Maxicode, DataMatriz, QR Code, Aztec, Micro PDF 417, GS1 DataBar (RSS Barcode)
Font / Barcode:	Rotation 0°, 90°, 180°, 270°
Printer Command:	TSPL-EZTM (Compatible with EPL, ZPL, ZPL II)
Material Type:	Endless, pre-punched, black marking, leporello-folded, notch, bracelet (externally wound)
Material Width:	19 to 112 mm (0,75" to 4,4")
Material Thickness:	0,055 to 0,254 mm (2,17" to 10 mil)
Material Core Diameter:	25,4 to 38,1 mm (1" to 1.5")
Label Length:	3 to 11.430 mm; (0,1" to 450")
Environmental	Operation: 5 to 40°C, 25 to 85% humidity (non-condensing)
Conditions:	Storage: -40 to 60°C, 10 to 90% humidity (non-condensing)
Safety Instructions:	FCC Klasse B, CE Klasse B, RCM, UL, cUL, TÜV/Safety, CCC
Environment Protection:	Corresponds to RoHS, WEEE
Accessories:	Windows Software CD, Quick Start Guide; USB Cable; Power Cord; External Universal Power Supply
Warranty:	Printer: 2 years; Print head: 25 km (1 million inches) or 12 months, whichever ends first; Back-pressure roller: 50 km (2 million inches) or 12 months, whichever ends first
Optional Accessories:	Centronics Parallel-Creation; Real-time Clock; 3.5" Colour TFT display (with real time clock); Ribbon End Sensor; Centronics Parallel Interface; Guillotine Knife (full)
Optional Operating Accessories:	Bluetooth module (serial interface); 802.11 b/g/n wireless module (serial port); External roller holder; KP-200 Plus keyboard withdisplay; KU-007 Plus Programmable keyboard

KL-Tx300 and Accessories

Ribbons



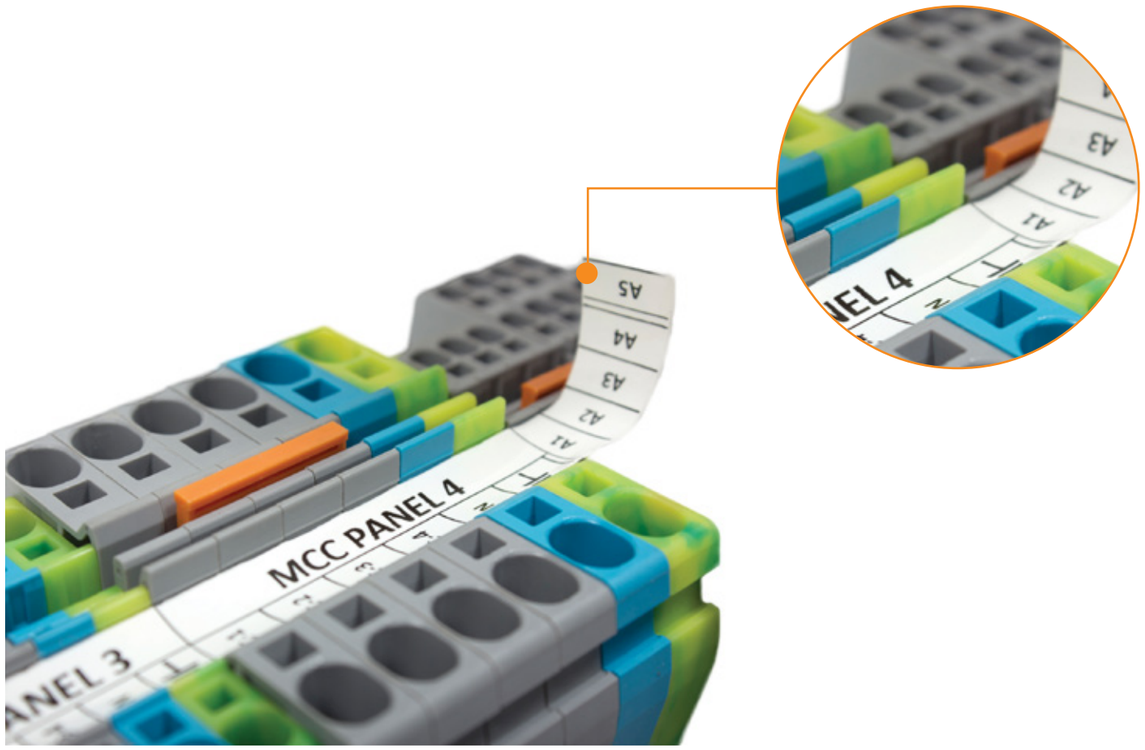
1) Thermal transfer film (ribbon) and labelling material
2) Thermal transfer head
3) Printed label
4) Pressing roller
5) Used thermal transfer film (ribbon)



Cat. No.	Product	Size (mm)	Color	Core	Qty.
1020 010	Klemark Ribbon	30x300	Black	25, 4 mm /1	1
1020 011	Klemark Ribbon	50x300	Black	25, 4 mm /1	1
1020 012	Klemark Ribbon	110x300	Black	25, 4 mm /1	1

• Klemsan ribbons provides very high print quality for any applications on all types of labels.
• Customer can achieve very effective results while printing barcodes, large or small alphanumeric characters or logos.
• The resin ribbon structure allows printing on matt and glossy plastic surfaces, e.g. PVC, PET, PE, PP and more.
• High printing speed offers industrial marking solutions for packaging industry.
• KLEMSAN ribbons are ideal for processing with 200, 300, and 600 dpi thermal printheads.
• The innovative back coating of the ribbons can protect the printhead and prevents ribbon jams.

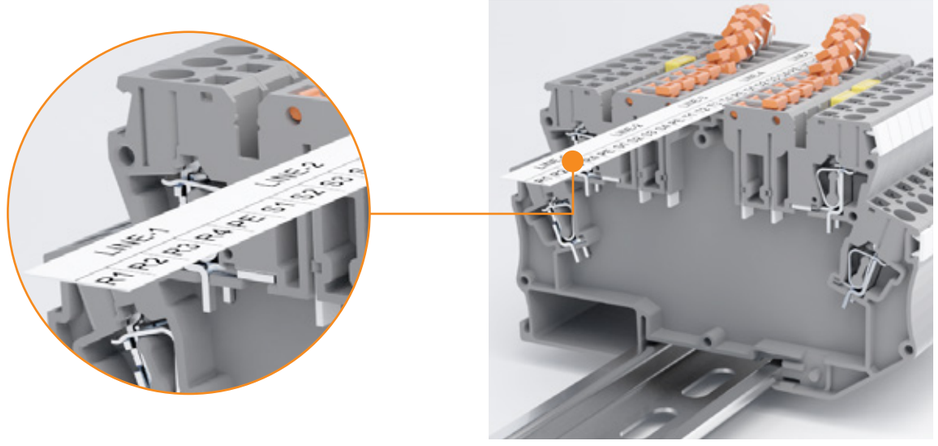
Marking for Terminal Blocks



Cat. No.	Product	Size	Color	Qty.
1020 100	SLF - P1 W	11,2 mm x15 m	White	1
1020 110	SLF - P2 W	4,9 mmx15 m	White	1

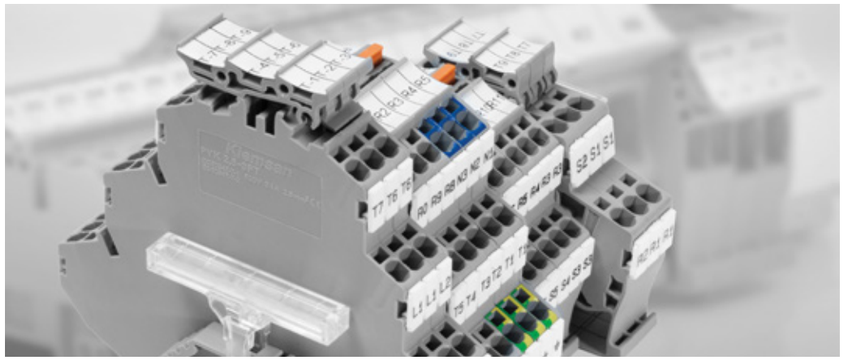


- Strip labels provide a higher surface gloss as thermal process brings long-lasting marking solutions.
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- This product resists water, chemicals, grease and oils.



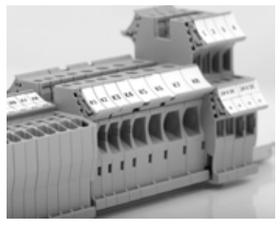
Marking for Terminal Blocks

Group Marking Carrier









Cat. No.	Product	Description	Compatible with	Color	Qty.
498 210	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F /PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Beige	50
498 219	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F /PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Grey	50
498 217	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F /PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Orange	50
498 220	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Beige	50
498 229	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Grey	50
498 227	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Orange	50
498 230	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Beige	25
498 239	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Grey	25
498 237	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Orange	25
498 289	ETS	Group Marking Carrier for Screw Terminals	AVK 2,5, AVK 10, AVK 4, AVK 6, AVK 25 RD, AVK 35 RDS, AVK 35 IRDS, AVK 16 RD, AVK 16, AVK 35 RD, AVK 2,5 / 4 TK, AVK 6 TK, AVK 10 TK, AVK 35 T RD, AVK 35 T RDS, AVK 35 T IRDS, AVK 2,5 RD, AVK 4 RD, AVK 2,5 CC, AVK 2,5 T RD, AVK 4 T RD, AVK 2,5 CCT, AVK 4 CCT, AVK 10 T RD 4, AVK 10 RD 4, AVK 4 CC, AVK 2,5 F, AVK 2,5 CF, AVK 95B, AVK 150B, AVK 240B, PIK 2,5 N, PIK 2,5 NT, PIK 4N, PIK 4 NT, ASK 3 A, AVK 2,5 CCA, AVK 4 CCA, ASK 4 B, WGO 3, WGO 1, WGL 1, YBK 2,5, YBK 4, YBK 6, YBK 10, YBK 2,5 T, YBK 4 T,YBK 6 T, YBK 10 T, YBK 2,5 A, YBK 2,5 E, YBK 2,5 C, YBK 2,5 CT, YBK 2,5 ET	Grey	100

Marking for Cables

Cable Markers - TTKP Series



1. Mark the signs on the perforation line.



2. Fold it on the crease line and slide it into label holder.



3. The flexible material optimally adapts to the selected mounting support.

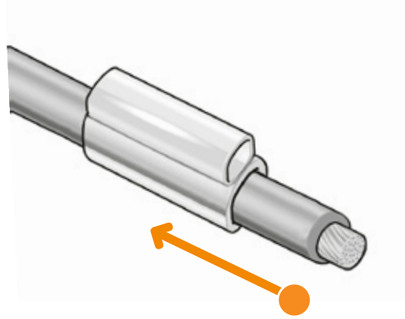
Cat. No.	Product	Print Area (mm)	Color	Labels per Line	Qty.
808 158	TTKP 8x10	8x10	Yellow / White	4	4.000
808 159	TTKP 8x15	8x15	Yellow / White	4	4.000
808 063	TTKP 8x30	8x30	White	2	2.500

- High - quality identification labels made of polyethylene on the roll for the production of fast and cost effective cable marking.
- Mounting Type: To be inserted into transparent label holders.
- Material: White Polyethylene 0.25 mm
- Roller Core: 40 mm



Marking for Cables

Transparent Holders For Cable Markers - KKS Series





Cat. No.	Product	Color	Qty.
506 786	KKS 10 / 0,5-1,5 mm²	Transparent	2000
506 788	KKS 15 / 0,5-1,5 mm²	Transparent	500
506 789	KKS 18 / 0,5-1,5 mm²	Transparent	500
506 790	KKS 23 / 0,5-1,5 mm²	Transparent	2000
506 791	KKS 30 / 0,5-1,5 mm²	Transparent	1000
506 710	KKS 10 / 1,5-2,5 mm²	Transparent	500
506 711	KKS 15 / 1,5-2,5 mm²	Transparent	500
506 714	KKS 18 / 1,5-2,5 mm²	Transparent	500
506 712	KKS 23 / 1,5-2,5 mm²	Transparent	500
506 713	KKS 30 / 1,5-2,5 mm²	Transparent	500
506 715	KKS 10 / 2,5-4,0 mm²	Transparent	500
506 716	KKS 15 / 2,5-4,0 mm²	Transparent	500
506 719	KKS 18 / 2,5-4,0 mm²	Transparent	500
506 717	KKS 23 / 2,5-4,0 mm²	Transparent	500
506 718	KKS 30 / 2,5-4,0 mm²	Transparent	500
506 720	KKS 10 / 6,0-10,0 mm²	Transparent	500
506 721	KKS 15 / 6,0-10,0 mm²	Transparent	500
506 724	KKS 18 / 6,0-10,0 mm²	Transparent	500
506 722	KKS 23 / 6,0-10,0 mm²	Transparent	500
506 723	KKS 30 / 6,0-10,0 mm²	Transparent	500
506 725	KKS 10 / 16,0-25,0 mm²	Transparent	500
506 726	KKS 15 / 16,0-25,0 mm²	Transparent	500
506 729	KKS 18 / 16,0-25,0 mm²	Transparent	500
506 727	KKS 23 / 16,0-25,0 mm²	Transparent	200
506 728	KKS 30 / 16,0-25,0 mm²	Transparent	200

- Soft PVC self-extinguishing complied with UL 94 V0.
- Cadmium-free, lead-free, silicon-free, teflon-free.
- Color: Transparent with light blue additive (non ageing).
- Temperature service: -40°C + 80°C
- This product has high resistance to alkali, alcohol, steam and a wide variety of chemicals.
- These transparent holders designed especially for our TTKP cable markers.

Selection Guide

	TTKP 8x10	TTKP 8x15	TTKP 8x30
KKS 10	✓		
KKS 15		✓	
KKS 30			✓

Marking for Cables

PVC Markers - I-KBE Series





1. Mark the signs on the perforation line.



2. Fold it on the crease line and slide it into KBE label holder.



3. Close the label carrier and attach to the cable using a cable tie.



Cat No.	Product	Print Area (mm)	Color	Qty.
808 164	I-KBE1 29x8 Y/W	29x8	Yellow / White	1.000
808 165	I-KBE2 39x15 Y/W	39x15	Yellow / White	1.000

- Economic and durable solution for cable marking by using cable-ties.
- Dual color design provides two color printing options on a single label for cost saving.
- Mounting Type: For transparent label holders.
- Material: Yellow/White Polyester
- Roller Core: 40 mm

Selection Guide

		I-KBE 1	I-KBE 2
520 110	KBE 1	✓	
520 120	KBE 2		✓



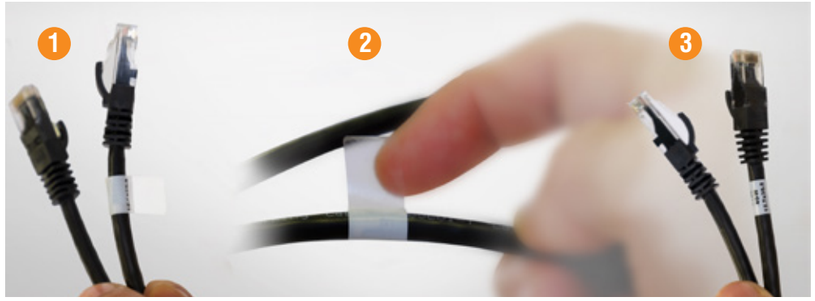
KBE 1



KBE 2

Marking for Cables

Self Laminated Cable Markers - TTSL Series



Cat No.	Product	Print Area (mm)	Cable Diameter (mm)	Color	Qty.
808 070	TTSL 40- WH 12,7x19,5	12.7x9.0	D: 3	White	5.000
808 071	TTSL 40- WH 19x23,8	19.0x9.0	D: 4	White	5.000
808 072	TTSL 40- WH 12,7x36,5	12.7x12.7	D: 7	White	5.000
808 073	TTSL 40- WH 19x44,5	19.0x12.7	D: 10	White	5.000
808 074	TTSL 40- WH 25,4x36,5	25.4x12.7	D: 7	White	1.500
808 075	TTSL 40- WH 25,4x57,15	25.4x19.0	D: 12	White	1.500
808 076	TTSL 40- WH 25,4x95,25	25.4x25.4	D: 22	White	1.500
808 077	TTSL 40- WH 25,4x152,4	25.4x38.0	D: 36	White	1.000
808 078	TTSL 40- WH 50,8x92,25	50.8x25.4	D: 22	White	1.000

- Wrap around self-adhesive cable labels.
- Consists of two parts, printable area is white and the rest is transparent.
- The transparent area provides protection for printed area.
- Mounting Type: Wrap around the cable.
- Material: Vinil 0.25mm
- Roller Core: 40mm

Marking for Cables

Printable Heatshrink Markers - HSL Series





Cat No.	Product	Cross-Section (mm)	Length (m)	Color	Qty.
579 010	HSL-02-Y	0,25 - 1	200	Yellow	1
579 011	HSL-03-Y	1 - 1,5	200	Yellow	1
579 012	HSL-04.5-Y	2,5	100	Yellow	1
579 013	HSL-06-Y	4 - 6	100	Yellow	1
579 014	HSL-10-Y	6 - 10	100	Yellow	1

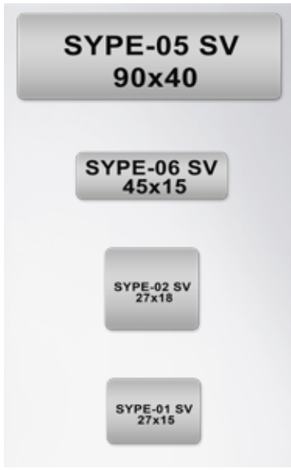


Cat No.	Product	Qty.
1020 060	Adapter for KL-TX 300	1

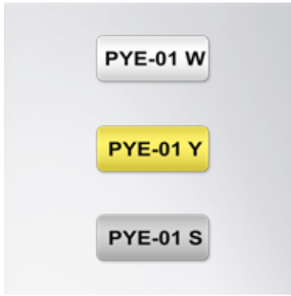


Marking for Panel Surface and Components

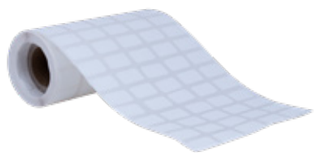
Polyester Markers - PYE - SPYE Series

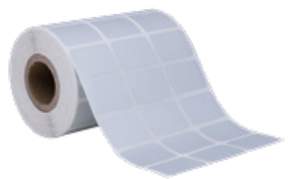


SPYE



PYE





Cat No.	Product	Print Area (mm)	Color	Qty.
808 429	SPYE-00 SV	27x12,5	Silver	2.500
808 430	SPYE- 01 SV	27x15	Silver	2.500
808 400	SPYE-02 SV	27x18	Silver	2.500
808 431	SPYE-03 SV	35x18	Silver	1.500
808 401	SPYE- 04 SV	70x30	Silver	250
808 402	SPYE-05 SV	90x40	Silver	250
808 454	SPYE-06 SV	100x50	Silver	250
808 432	SPYE-06 SV	45x15	Silver	2.000
808 403	PYE-01 YL	17x10	Yellow	2.500
808 420	PYE-01 SV	17x10	Silver	2.500
808 419	PYE - 01 W	17x10	White	2.500
808 404	PYE-02 YL	15x6	Yellow	2.500
808 422	PYE-02 SV	15x6	Silver	2.500
808 421	PYE-02 W	15x6	White	2.500
808 405	PYE-03 YL	12x9	Yellow	2.500
808 424	PYE-03 SV	12x9	Silver	2.500
808 423	PYE-03 W	12x9	White	2.500
808 406	PYE-04 YL	15x9	Yellow	2.500
808 426	PYE-04 SV	15x9	Silver	2.500
808 425	PYE-04 W	15x9	White	2.500
808 409	PYE-05 YL	18x8	Yellow	2.500
808 428	PYE-05 SV	18x8	Silver	2.500
808 427	PYE-05 W	18x8	White	2.500

- The high-quality roll type polyester labels for fast and efficient labelling and equipment identification.
- With Yellow, Silver and White color options semi-gloss polyester surface coating film provides excellent color protection for thermal transfer printing.
- This material allows perfect color transmission and precise printing process.
- The polyester labels are suitable for metal, lacquer and high-grade plastics applications.
- Mounting Type: Self-adhesive.
- Adhesive: Permanent Acrylic
- Adhesive Roller Core: 40 mm

Marking for Panel Surface and Components

Polyester Markers - LSL Series







Cat No.	Product	Print Area (mm)	Color	Qty.
808 433	LSL-03 W	30x20	White	1
808 434	LSL-03 SV	30x20	Silver	1
808 435	LSL-03 YL	30x20	Yellow	1
808 436	LSL-05 W	50x20	White	1
808 437	LSL-05 SV	50x20	Silver	1
808 438	LSL-05 YL	50x20	Yellow	1
808 439	LSL-08 W	80x20	White	1
808 440	LSL-08 SV	80x20	Silver	1
808 441	LSL-08 YL	80x20	Yellow	1



Marking for Panel Surface and Components

Thick Polyester Markers - ETPS Series



0.8 mm Thickness

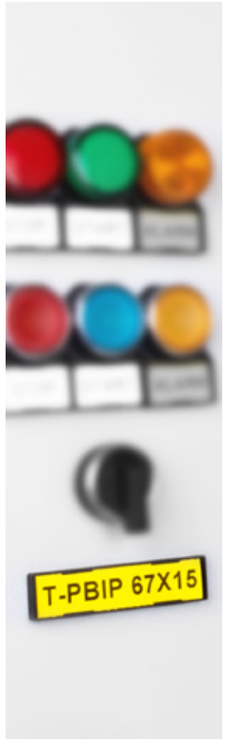


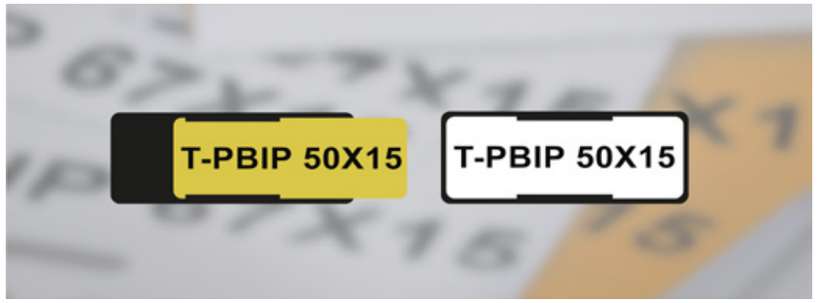
Cat No.	Product	Print Area (mm)	Color	Qty.
808 064	ETPS 40-SV 27x12.5	27x12,5	Silver	200
808 065	ETPS 40-SV 27x15	27x15	Silver	150
808 066	ETPS 40-SV 35x18	35x18	Silver	125
808 067	ETPS 40-SV 45x15	45x15	Silver	125
808 068	ETPS 40-SV 60x30	60x30	Silver	125
808 069	ETPS 40-SV 90x45	90x45	Silver	100

- These innovative labels were developed to replace engraved and printed marking products.
- They are ideal for marking electrical components, housings, control cabinets, signalling elements, panels and much more.
- Mounting Type: Permanent acrylic adhesive
- Rollers: 40 mm
- Material: Polyester 0.8 mm
- Colours: Silver

Marking for Panel Surface and Components

Polyester Markers - T-PBIP Series





Cat No.	Product	Print Area (mm)	Color	Qty.
808 161	T-PBIP 27x15 Y/W	27x15	Yellow / White	1.000
808 162	T-PBIP 27x15 Y/W	50x15	Yellow / White	1.000
808 163	T-PBIP 67x15 Y/W	67x15	Yellow / White	1.000

- White / Yellow polyester labels must be inserted in adhesive panel-button label holders.
- Transparent protective layers can be placed on top of the printed labels.
- Rapid and economic solutions for marking panel surfaces and buttons.
- Dual color labels keep your costs lower.
- Mounting Type: Inserted within panel tag holders (Y-PAEK).
- Material: Yellow/White Polyester 0.18 mm
- Roller Core: 40 mm





Note: To ensure the best printing quality and efficiency on Klemsan Thermal Marking Systems, only Klemsan original consumable products must be used. Otherwise, the subject products will not be covered by warranty conditions.

Marking for Panel Surface and Components

Marking For Buttons



Y-BEK S
BEK S



Y-BEK T
BEK T



Y-PAEK 1730
PAEK 1730



Y-PAEK 1752
PAEK 1752



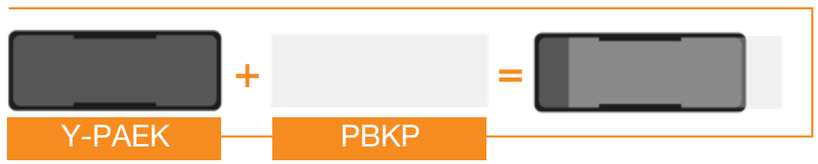
Y-PAEK 1770
PAEK 1770

Cat. No.	Product	Print Area (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 603	PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 604	PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100
508 605	PAEK 1770	17 x 70	Black	100
508 701	Y-BEK T (Telemecanique)	30x17	Black	100
508 705	BEK T (Telemecanique)	30x17	Black	100
508 700	Y-BEK S (Siemens)	30x17 (22,5)	Black	100
508 704	BEK S (Siemens)	30x17 (22,5mm)	Black	100

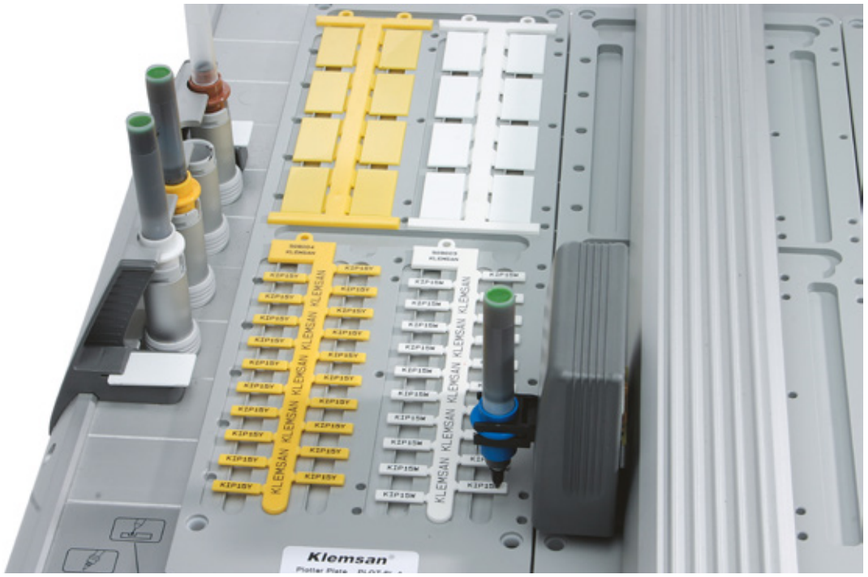
Tag Holders Selection Guide



Cat. No.	Product	T-PBIP 27x15	T-PBIP 50x15	T-PBIP 67x15
508 600	Y-PAEK 1730	✓		
508 601	Y-PAEK 1752		✓	
508 602	Y-PAEK 1770			✓
508 700	Y-BEK S	✓		
508 701	Y-BEK T	✓		

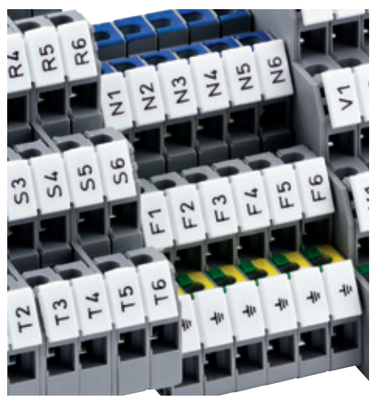


Plotter Consumables



Terminal Block Marking Tags

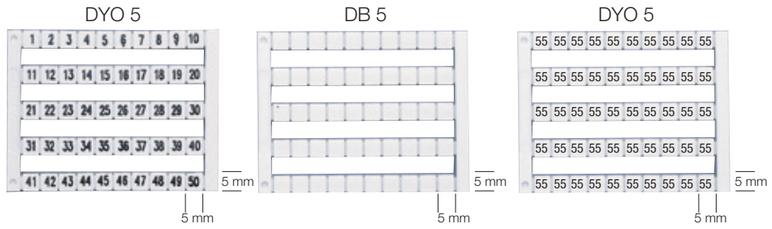
Cat. No.	Product	Print Area	Print Area (mm)	Color	Qty.
503 700	DB 7,5x4,5	Plate	7,5x4,5	White	500
505 940	DB 10/10	Plate	10x10	White	500
505 930	DB 10/8	Plate	10x8	White	500
503 000	DB 4	Plate	10x4	White	500
505 850	DB 5	Plate	5x5	White	500
505 910	DB 10/5	Plate	10x5	White	510
505 915	DB 10/6	Plate	10x6	White	510
505 920	DB 10/6,5	Plate	10x6,5	White	510
505 310	DG 10/5	Plate	10x5	White	440
505 320	DG 10/6	Plate	10x6	White	360
505 330	DG 6/5	Plate	6x5	White	400
505 340	DG 7/5	Plate	7x5	White	440
505 380	DG 10/5 T	Plate	10x5	White	440
505 390	DG 10/6 T	Plate	10x6	White	360
505 410	DG 10/8	Plate	10x8	White	260
505 430	DG 10/10	Plate	10x10	White	200
508 051	KOIP SM	Plate	20x9	White	240
502 000	DB 6/4	Plate	6x4	White	500







Printed Marking Tags



Cat.No.	Type	Description
505 000	DY 5	0
505 001	DY 5	1
505 002	DY 5	2
505 003	DY 5	3
505 004	DY 5	4
505 005	DY 5	5
505 006	DY 5	6
505 007	DY 5	7
505 008	DY 5	8
505 009	DY 5	9
505 010	DY 5	10
505 020	DY 5	1-10
505 021	DY 5	11-20
505 022	DY 5	21-30
505 023	DY 5	31-40
505 024	DY 5	41-50
505 025	DY 5	51-60
505 026	DY 5	61-70
505 027	DY 5	71-80
505 028	DY 5	81-90
505 029	DY 5	91-100
505 030	DY 5	10, 20,30,.....100
505 040	DY 5	1-50
505 041	DY 5	51-100
505 042	DY 5	101-150
505 043	DY 5	151-200
505 044	DY 5	201-250
505 045	DY 5	251-300
505 046	DY 5	301-350
505 047	DY 5	351-400
505 048	DY 5	401-450
505 049	DY 5	451-500
505 050	DY 5	501-550
505 051	DY 5	551-600
505 052	DY 5	601-650
505 053	DY 5	651-700
505 054	DY 5	701-750
505 055	DY 5	751-800
505 056	DY 5	801-850
505 057	DY 5	851-900
505 058	DY 5	901-950
505 059	DY 5	951-999
505 060	DY 5	A
505 061	DY 5	B
505 062	DY 5	C

Cat.No.	Type	Description
505 063	DY 5	D
505 064	DY 5	E
505 065	DY 5	F
505 066	DY 5	G
505 067	DY 5	H
505 068	DY 5	I
505 069	DY 5	J
505 070	DY 5	K
505 071	DY 5	L
505 072	DY 5	M
505 073	DY 5	N
505 074	DY 5	O
505 075	DY 5	P
505 076	DY 5	Q
505 077	DY 5	R
505 078	DY 5	S
505 079	DY 5	T
505 080	DY 5	U
505 081	DY 5	V
505 082	DY 5	W
505 083	DY 5	X
505 084	DY 5	Y
505 085	DY 5	Z
505 090	DY 5	L1
505 091	DY 5	L2
505 092	DY 5	L3
505 093	DY 5	RSTN ⏚
505 094	DY 5	Mp
505 095	DY 5	+
505 096	DY 5	-
505 097	DY 5	⏚
505 098	DY5	PE
505 201	DY 10/6,5	1-10
505 202	DY 10/6,5	11-20
505 203	DY 10/6,5	21-30
505 204	DY 10/6,5	31-40
505 205	DY 10/6,5	41-50
505 206	DY 10/6,5	51-60
505 207	DY 10/6,5	61-70
505 208	DY 10/6,5	71-80
505 209	DY 10/6,5	81-90
505 210	DY 10/6,5	91-100

* for your special requests please contact with your sales representative.

Labeling with KLM Plotter Marking for Terminal Blocks

DG 10/5



DG 10/5 T



DG 10/6



DG 10/6 T



General Features				
Cat. No.	**505 310**	**505 380**	**505 320**	**505 390**
Dimensions	10 x 5	10 x 5	10 x 6	10 x 6
Quantity	440	440	360	360
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A

DG 6/5



DG 10/8



DG 10/10



DB 4



General Features				
Cat. No.	**505 330**	**505 410**	**505 430**	**503 000**
Dimensions	6 x 5	10 x 8	10 x 10	10 x 4
Quantity	400	260	200	500
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - DB 4

DB 5



DB 10/5



DB 10/6



DB 10/6,5



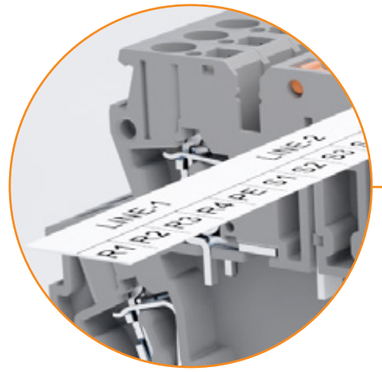
General Features				
Cat. No.	**505 850**	**505 910**	**505 915**	**505 920**
Dimensions	5 x 5	10 x 5	10 x 6	10 x 6,5
Quantity	500	500	500	500
Plotter Plate	PLOT PL - DB 5	PLOT PL - DB	PLOT PL - DB	PLOT PL - DB

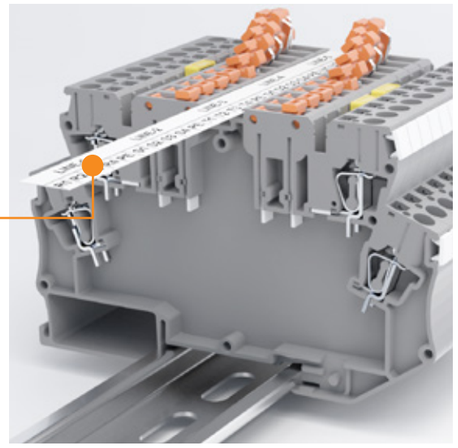
Labeling with KL-Tx300 Marking for Terminal Blocks



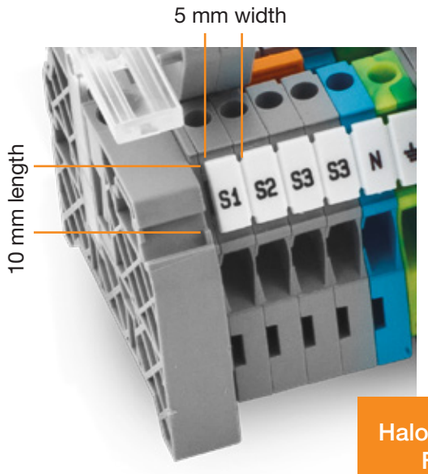
Cat. No.	Product	Size	Color	Qty.
1020 100	SLF - P1 W	11,2 mm x15 m	White	1
1020 110	SLF - P2 W	4,9 mmx15 m	White	1

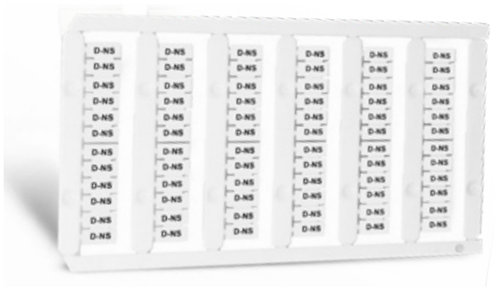
- Strip labels provide a higher surface gloss as thermal process brings long-lasting marking solutions.
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- This product resists water, chemicals, grease and oils.





Labeling with KLECARD Marking for Terminal Blocks





	Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Cards per Pack
Halogen Free VO raw material	811 750	D-NS 5x10 Tags	5x10	White	72	10
	812 250	D-NS 6x10 Tags	6x10	White	60	10
	810 300	D-NS 5x6 Tags	5x6	White	72	10
	810 450	D-NS 5,2x6 Tags	5,2x6	White	72	10
	812 750	D-NS 8x10 Tags	8x10	White	48	10
	813 100	D-NS 10x10 Tags	10x10	White	36	10

Cable Marking Tags Marking Plates



General Features					
Cat. No.	**508 001**	**508 003**	**508 012**	**508 005**	**508 008**
Dimensions	10 x 4	15 x 4	18 x 4	23 x 4	30 x 4
Quantity	480	480	240	240	240
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A

Marking Plates					
Type	KIP 10 Y	KIP 15 Y	KIP 18 Y	KIP 23 Y	KIP 30 Y
Cat. No.	508 002	508 004	508 013	508 006	508 009
Qty.	480	480	240	240	240
Color	Yellow	Yellow	Yellow	Yellow	Yellow

1,5 / 2,5 mm²					
506 710 - KKS 10 / 1,5 - 2,5	✔				
506 711 - KKS 15 / 1,5 - 2,5		✔			
506 714 - KKS 18 / 1,5 - 2,5			✔		
506 712 - KKS 23 / 1,5 - 2,5				✔	
506 713 - KKS 30 / 1,5 - 2,5					✔
2,5 / 4 mm²					
506 715 - KKS 10 / 2,5 - 4	✔				
506 716 - KKS 15 / 2,5 - 4		✔			
506 719 - KKS 18 / 2,5 - 4			✔		
506 717 - KKS 23 / 2,5 - 4				✔	
506 718 - KKS 30 / 2,5 - 4					✔
6 / 10 mm²					
506 720 - KKS 10 / 6 - 10	✔				
506 721 - KKS 15 / 6 - 10		✔			
506 724 - KKS 18 / 6 - 10			✔		
506 722 - KKS 23 / 6 - 10				✔	
506 723 - KKS 30 / 6 - 10					✔
16 / 25 mm²					
506 725 - KKS 10 / 16 - 25	✔				
506 726 - KKS 15 / 16 - 25		✔			
506 729 - KKS 18 / 16 - 25			✔		
506 727 - KKS 23 / 16 - 25				✔	
506 728 - KKS 30 / 16 - 25					✔

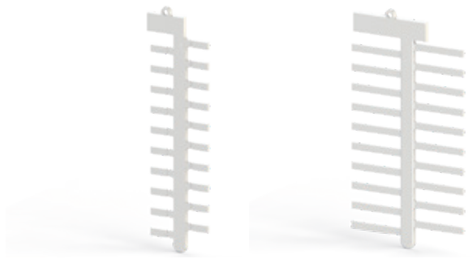
Sleeves for Cable Marking Tags





Cat. No.	Product	Cable Cross Section (m²)	Dimensions (mm)	Qty.
506 710	KKS 10/1.5-2.5	Tube 1.5 - 2.5	10x4	500
506 711	KKS 15/1.5-2.5	Tube 1.5 - 2.5	15x4	500
506 714	KKS 18/1.5-2.5	Tube 1.5 - 2.5	18x4	500
506 712	KKS 23/1.5-2.5	Tube 1.5 - 2.5	23x4	500
506 713	KKS 30/1.5-2.5	Tube 1.5 - 2.5	30x4	500
506 715	KKS 10/2.5-4	Tube 2.5 - 2.5	10x4	500
506 716	KKS 15/2.5-4	Tube 2.5 - 2.5	15x4	500
506 719	KKS 18/2.5-4	Tube 2.5 - 2.5	18x4	500
506 717	KKS 23/2.5-4	Tube 2.5 - 2.5	23x4	500
506 718	KKS 30/2.5-4	Tube 2.5 - 2.5	30x4	500
506 720	KKS 10/6-10	Tube 6 - 10	10x4	500
506 721	KKS 15/6-10	Tube 6 - 10	15x4	500
506 724	KKS 18/6-10	Tube 6 - 10	18x4	500
506 722	KKS 23/6-10	Tube 6 - 10	23x4	500
506 723	KKS 30/6-10	Tube 6 - 10	30x4	500
506 725	KKS 10/16-25	Tube 16 - 25	10x4	500
506 726	KKS 15/16-25	Tube 16 - 25	15x4	500
506 729	KKS 18/16-25	Tube 16 - 25	18x4	500
506 727	KKS 23/16-25	Tube 16 - 25	23x4	200
506 728	KKS 30/16-25	Tube 16 - 25	30x4	200
506 786	KKS 10/0.5-1.5	Tube 0.5 - 1.5	10x4	500
506 788	KKS 15/0.5-1.5	Tube 0.5 - 1.5	15x4	500
506 789	KKS 18/0.5-1.5	Tube 0.5 - 1.5	18x4	500
506 790	KKS 23/0.5-1.5	Tube 0.5 - 1.5	23x4	200
506 791	KKS 30/0.5-1.5	Tube 0.5 - 1.5	30x4	200

Cable Marking Tags



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 001	KIP 10 W	Plate	10x4	White	480
508 002	KIP 10 Y	Plate	10x4	Yellow	480
508 003	KIP 15 W	Plate	15x4	White	480
508 004	KIP 15 Y	Plate	15x4	Yellow	480
508 012	KIP 18 W	Plate	18x4	White	240
508 013	KIP 18 Y	Plate	18x4	Yellow	240
508 005	KIP 23 W	Plate	23x4	White	240
508 006	KIP 23 Y	Plate	23x4	Yellow	240
508 008	KIP 30 W	Plate	30x4	White	240
508 009	KIP 30 Y	Plate	30x4	Yellow	240

Cable Marking Sleeve Selection Guide



	KIP 10	KIP 15	KIP 18	KIP 23	KIP 30
KKS 10 Series	✔				
KKS 15 Series		✔			
KKS 18 Series			✔		
KKS 23 Series				✔	
KKS 30 Series					✔

Marking Tags for Cable Ties



Cat. No.	Product	Max. Label Size (mm)	Dimensions (mm)	Color	Qty.
520 110	KBE 1	8,70 x 29,20	7,2	Transparent	100
520 120	KBE 2	16,20 x 40,20	9.8	Transparent	100
508 080	KBE 3	9 x 20	3,1	Transparent	120
508 070	KBEP 209 W	20 x 9	-	White	240
508 071	KBEP 209 Y	20 x 9	-	Yellow	240
508 090	KBEP 2712 W	27 x 12	-	White	160

Self-Adhesive Panel Labels for Contactors



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 051	KOIP SM W	Plate	20x9	White	240
508 057	KOIP TT W	Plate	17x8	White	240
Description					
Labelled with AVK 50, AVK 70 RD, AVK 95, AVK 150, AVK 240, AVK PB 50, AVK PB 70 RD, AVK PB 95, AVK PB 150, AVK PB 240					

* KOIP SM Series labels are compatible with Siemens contactors.
* KOIP TT Series labels are compatible with Telemec contactors.

Self-Adhesive Panel Labels



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 060	Y-KOIP 209 W	Plate	20x9	White	240
508 061	Y-KOIP 209 Y	Plate	20x9	Yellow	240
508 065	Y-OIP 1710 W	Plate	17x10	White	288
508 066	Y-OIP 1710 Y	Plate	17x10	Yellow	288
508 820	Y-PBIP 2715 W	Plate	27x15	White	192
508 821	Y-PBIP 2715 G	Plate	27x15	Grey	192
508 822	Y-PBIP 2715 Y	Plate	27x15	Yellow	192
508 823	Y-PBIP 5015 W	Plate	50x15	White	96
508 824	Y-PBIP 5015 G	Plate	50x15	Grey	96
508 825	Y-PBIP 5015 Y	Plate	50x15	Yellow	96
508 826	Y-PBIP 6715 W	Plate	67x15	White	96
508 827	Y-PBIP 6715 G	Plate	67x15	Grey	96
508 828	Y-PBIP 6715 Y	Plate	67x15	Yellow	96

* Y-KOIP 209 Series labels are compatible with Siemens contactors.
* Y-OIP 1710 Series labels are compatible with Telemec contactors.

Self-Adhesive Paper Labels



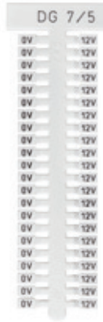
Cat. No.	Product	Description	Print Area (mm)	Color	Qty.
508 520	SIT FP 4407	Paper Labels for ME3 Group Labeling	7x44	White	136
508 530	SIFX 0615 Y	Self-Adhesive Paper Label	6x15	Yellow	2.850
508 531	SIFX 0912 Y	Self-Adhesive Paper Label	9x12	Yellow	2.300
508 532	SIFX 0915 Y	Self-Adhesive Paper Label	9x15	Yellow	1.900
508 534	SIFX	Paper Labels for ME Group Labeling	6x43.8	Yellow	900

Self-Adhesive Paper Labels



Cat. No.	Product	Description	Print Area (mm)	Color	Qty.
808 412	OYE-07 Y	Self-Adhesive Label for Office Printer	7x44	White	1.560
808 413	OYE-06 Y	Self-Adhesive Label for Office Printer	38x10	Yellow	1.260
808 414	OYE-05 Y	Self-Adhesive Label for Office Printer	20x8	Yellow	3.450
808 415	OYE-03 Y	Self-Adhesive Label for Office Printer	12x9	Yellow	4.600
808 416	OYE-01 Y	Self-Adhesive Label for Office Printer	17x10	Yellow	2.880
808 417	OYE-04 Y	Self-Adhesive Label for Office Printer	15x9	Yellow	3.600
808 418	OYE-02 Y	Self-Adhesive Label for Office Printer	15x6	Yellow	5.400

Marking Tags for Transformer Terminals



Cat. No.	Product	Plotter Plate	Dimensions (mm)	Color	Qty.
503 340	Marking Tag for Transformer Terminal Blocks	PLOT PL-A	7x5	White	440
503 700	Marking Tag for Transformer Terminal Blocks	PLOT PL-DB 4.5/7.5	7.5x4.5	White	500

Warning Labels



Cat. No.	Product	Terminals used
498 110	IP 1S	PEK 2,5;
498 120	IP 1	PEK 2,5 K
498 130	IP 2S	AVK 2.5; AVK 4; AVK 6; AVK 10; AVK 2.5 RD; AVK 4 RD; AVK 2.5 T RD; AVK 4 T RD
498 140	IP 2	AVK 2.5; AVK 4; AVK 6; AVK 10; AVK 2.5 RD; AVK 4 RD; AVK 2.5 T RD; AVK 4 T RD
498 143	IP 3S	AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 T RD
498 145	IP 3	AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 T RD
498 150	IP 2T	PEK 2,5 T; PEK 4 T
498 160	IP 4S	YBK 2.5; YBK 4; YBK 6; YBK 10
498 170	IP 4	YBK 2.5; YBK 4; YBK 6; YBK 10
498 240	IP 5	AVK 50 - 70RD - 95 - 150 - 240
498 250	IP 5S	AVK 50 - 70RD - 95 - 150 - 240

Self-Adhesive Panel Tag Holders



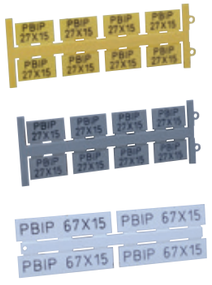
Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100

Self-Adhesive Button Tag Holders



Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 700	Y-BEK S	30 x 17 mm (22.5 mm²)	Black	100
508 701	Y-BEK T	30 x 17 mm (Telemecanique)	Black	100

Marking Tags for Panels/Buttons



Cat. No.	Product	Print Area (mm)	Type	Color	Qty.
508 800	PBIP 2715 W	27x15	Plate	White	192
508 801	PBIP 2715 G	27x15	Plate	Grey	192
508 802	PBIP 2715 Y	27x15	Plate	Yellow	192
508 803	PBIP 5015 W	50x15	Plate	White	96
508 804	PBIP 5015 G	50x15	Plate	Grey	96
508 805	PBIP 5015 Y	50x15	Plate	Yellow	96
508 806	PBIP 6715 W	67x15	Plate	White	96
508 807	PBIP 6715 G	67x15	Plate	Grey	96
508 808	PBIP 6715 Y	67x15	Plate	Yellow	96

Protective Cover for Panel/Button Tags



Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 813	PBKP 2715	27x15	Transparent	192
508 814	PBKP 5015	50x15	Transparent	96
508 815	PBKP 6715	67x15	Transparent	96

Panel Marking Product Selection Guide

		PBIP 2715	PBIP 5015	PBIP 6715
	Dimensions (mm)	27x15	50x15	67x15
First Step: Select panel marking tag.	Color	White	White	White
		Grey	Grey	Grey
		Yellow	Yellow	Yellow
Second Step: Select plate carrier.	Y-PAEK 1730	✔		
	Y-PAEK 1752		✔	
	Y-PAEK 1770			✔
	Y-BEK Y	✔		
	Y-BEK S	✔		
Third Step: Select protective cover.	PBKP 2715	✔		
	PBKP 5015		✔	
	PBKP 6715			✔

Klemsan Wire Marking Tags

Closed Type				
				
Numbers	KG 1	KG 2	Qty.	Color
0	515 000	516 000	1000/500	Yellow
1	515 001	516 001	1000/500	Yellow
2	515 002	516 002	1000/500	Yellow
3	515 003	516 003	1000/500	Yellow
4	515 004	516 004	1000/500	Yellow
5	515 005	516 005	1000/500	Yellow
6	515 006	516 006	1000/500	Yellow
7	515 007	516 007	1000/500	Yellow
8	515 008	516 008	1000/500	Yellow
9	515 009	516 009	1000/500	Yellow
Letters				
A	515 010	516 010	1000/500	Yellow
B	515 011	516 011	1000/500	Yellow
C	515 012	516 012	1000/500	Yellow
D	515 013	516 013	1000/500	Yellow
E	515 014	516 014	1000/500	Yellow
F	515 015	516 015	1000/500	Yellow
G	515 016	516 016	1000/500	Yellow
H	515 017	516 017	1000/500	Yellow
I	515 018	516 018	1000/500	Yellow
J	515 019	516 019	1000/500	Yellow
K	515 020	516 020	1000/500	Yellow
L	515 021	516 021	1000/500	Yellow
M	515 022	516 022	1000/500	Yellow
N	515 023	516 023	1000/500	Yellow
O	515 024	516 024	1000/500	Yellow
P	515 025	516 025	1000/500	Yellow
Q	515 026	516 026	1000/500	Yellow
R	515 027	516 027	1000/500	Yellow
S		516 028	1000/500	Yellow
T		516 029	1000/500	Yellow
U	515 030	516 030	1000/500	Yellow
V	515 031	516 031	1000/500	Yellow
W	515 032	516 032	1000/500	Yellow
x	515 033	516 033	1000/500	Yellow
Y	515 034	516 034	1000/500	Yellow
Z	515 035	516 035	1000/500	Yellow
Signs				
Mp	515 040	516 040	1000/500	Blue
S	515 041	516 041	1000/500	Green
T	515 042	516 042	1000/500	Red
+	515 043	516 043	1000/500	Red
-	515 044	516 044	1000/500	Blue
⏚	515 045	516 045	1000/500	Yellow
(	515 046	516 046	1000/500	Yellow
.	515 047	516 047	1000/500	Yellow
/	515 048	516 048	1000/500	Yellow

Open Type					
					
Numbers	KE 1	KE 2	KE 3	Qty.	Color
0	517 000	518 000	519 000	500	Black
1	517 001	518 001	519 001	500	Brown
2	517 002	518 002	519 002	500	Red
3	517 003	518 003	519 003	500	Orange
4	517 004	518 004	519 004	500	Yellow
5	517 005	518 005	519 005	500	Green
6	517 006	518 006	519 006	500	Blue
7	517 007	518 007	519 007	500	Purple
8	517 008	518 008	519 008	500	Grey
9	517 009	518 009	519 009	500	White
Letters					
A	517 010	518 010	519 010	200	Yellow
B	517 011	518 011	519 011	200	Yellow
C	517 012	518 012	519 012	200	Yellow
D	517 013	518 013	519 013	200	Yellow
E	517 014	518 014	519 014	200	Yellow
F	517 015	518 015	519 015	200	Yellow
G	517 016	518 016	519 016	200	Yellow
H	517 017	518 017	519 017	200	Yellow
I	517 018	518 018	519 018	200	Yellow
J	517 019	518 019	519 019	200	Yellow
K	517 020	518 020	519 020	200	Yellow
L	517 021	518 021	519 021	200	Yellow
M	517 022	518 022	519 022	200	Yellow
N	517 023	518 023	519 023	200	Yellow
O	517 024	518 024	519 024	200	Yellow
P	517 025	518 025	519 025	200	Yellow
Q	517 026	518 026	519 026	200	Yellow
R	517 027	518 027	519 027	200	Yellow
S	517 028	518 028	519 028	200	Yellow
T	517 029	518 029	519 029	200	Yellow
U	517 030	518 030	519 030	200	Yellow
V	517 031	518 031	519 031	200	Yellow
W	517 032	518 032	519 032	200	Yellow
x	517 033	518 033	519 033	200	Yellow
Y	517 034	518 034	519 034	200	Yellow
Z	517 035	518 035	519 035	200	Yellow
Signs					
Mp	517 040	518 040	519 040	200	Yellow
S				200	Yellow
T				200	Yellow
+	517 043	518 043	519 043	200	Yellow
-	517 044	518 044	519 044	200	Yellow
⏚	517 045	518 045	519 045	200	Yellow
(	517 046	518 046	519 046	200	Yellow
.	517 047	518 047	519 047	200	Yellow
/	517 048	518 048	519 048	200	Yellow

Type	Grey	Blue	Green	Yellow	Red	White	Orange	Brown	Purple
KEB 1	519 518	519 516	519 515	519 514	519 512	519 519	519 513	519 511	519 517
KEB 2	519 528	519 526	519 525	519 524	519 522	519 529	519 523	519 521	519 527
KEB 3	519 538	519 536	519 535	519 534	519 532	519 539	519 533	519 531	519 537

Technical Specifications	KG 1	KG 2	KE 1	KE 2	KE 3
External insulation, mm²	2,4 - 4,4	4 - 8,5	-	-	-
Cross section, mm²	0,75 - 4	4 - 16	0,75 - 1,5	1,5 - 2,5	4 - 6

HALOGEN FREE
Wiring Ducts



- Flame-retardant, self-extinguishing according to UL94-V0
- EN50085-2-3-approved
- Colour: Light Grey: RAL 7035
- Temperature range from -25 °C to +90 °C

Preferred and applied in public areas, such as;

- Hospitals
- Multistory and High Buildings
- Mining Facilities
- Railway Industries
- Marine Industries
- Hotels
- Laboratories
- Schools
- Airplanes
- Cinema and Theater Halls
- Subway and Highway Tunnels
- Shopping Centers
- Airport Terminals

Halogen Free For Highest Safety



Why Low Smoke Halogen Free (LSHF) products?

When PVC or other traditional plastics ignite in a fire, they emit corrosive & toxic gases like Chlorine. Moreover, these are soluble in moisture, forming Hydrochloric acid, which destroy electronics, semiconductors and intrinsic electrical circuits.

It can be fatally hazardous to humans if they cannot escape from the smoky area contaminated with toxic elements. Toxic fumes are not only a serious health risk but also cause serious damage and problems to crucial machineries.

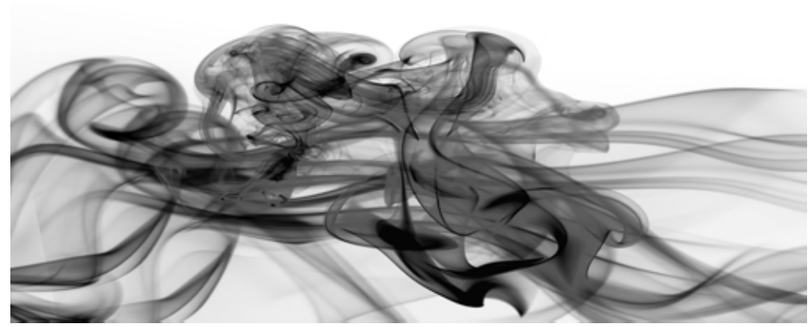
The Difference Between PVC and PC/ABS

Due to its high level of flame-retardancy, PVC has been used as an appropriate cable insulation material for many years. However, in the event of a fire this will generate dense black smoke, with toxic and corrosive gases that can cause fatality and destruction.

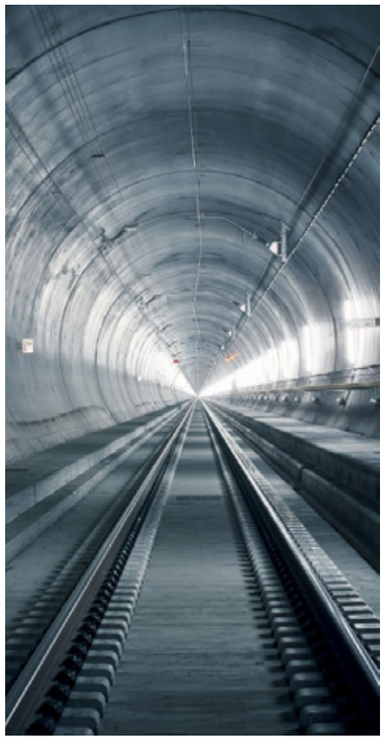
PC/ABS passes the Halogen free tests and Low Smoke tests **successfully**.

Halogen Free wires and cables are already compulsory in many areas as they are safer. In the same way, Halogen Free Wiring Duct is is especially important to be used in closed areas where the exits are limited; such as Public Transport, Hospitals, Malls etc.

PVC generates **dense**
black smoke when it burns



EN 45545-2 European Union Standards Fire Testing to Railway Components



KLEMSAN offers a wide range of Wiring Ducts in materials that are compliant with the smoke generation and toxicity requirements of the **EN 45545-2** European Railway Standards for fire safety classes **R22 - R23** and Hazard Levels **HL1 - HL2 - HL3**.

Vehicles are classified as: HL1, HL2 or HL3, depending on their time in tunnels and the availability of sleeping cars. The HL1 classification represents the lowest hazard level and HL3 represents the highest. Please refer to EN 45545-2 for definitions.



LSHF Material Properties - PC/ABS Raw Material



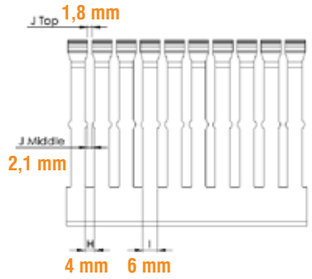
Our Halogen Free Wiring Ducts are made of a special purpose LSHF and flame retardant PC/ABS blend containing **NO Bromide, NO Chlorine and NO Fluorine.** It still offers high impact resistance and excellent characteristics used for higher temperature applications. These are in compliance with **EN 45545-2** European Union Standards.

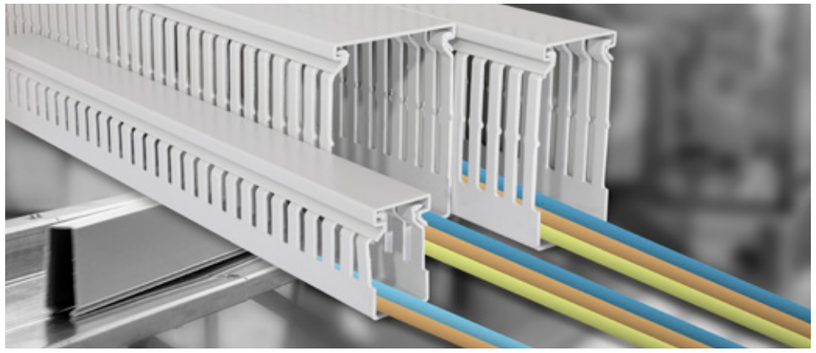
LSHF material also has characteristics of self-extinguishing, UL94 flammability rating of V-0. It is RoHS compliant, environmentally safe and is 20% lighter than PVC.

Our LSHF material is resistant to abnormal heat and fire. It has proven dimensional stability between **-25 °C / + 90 °C**. Also, the Halogen Free Wiring Ducts are manufactured in compliance with the Standard EN 50085-2-3. Ideal tor applications where public safety during a fire is a concern.

Slotted Wiring Ducts

LSHF (Low Smoke Halogen Free) - Wiring Ducts









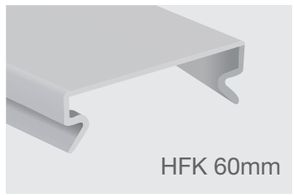
Cat. No.	Product	Size WxH (mm)	Color	Qty.
540 010	KHF 2530 Wiring Duct	25X30	Grey	46x2 m
540 020	KHF 2540 Wiring Duct	25X40	Grey	50x2 m
540 030	KHF 2560 Wiring Duct	25X60	Grey	30x2 m
540 060	KHF 4040 Wiring Duct	40X40	Grey	24x2 m
540 070	KHF 4060 Wiring Duct	40X60	Grey	18x2 m
540 080	KHF 4080 Wiring Duct	40X80	Grey	20x2 m
540 100	KHF 6040 Wiring Duct	60X40	Grey	18x2 m
540 110	KHF 6060 Wiring Duct	60X60	Grey	12x2 m
540 120	KHF 6080 Wiring Duct	60X80	Grey	12x2 m
540 150	KHF 8060 Wiring Duct	80X60	Grey	14x2 m
540 160	KHF 8080 Wiring Duct	80X80	Grey	10x2 m

- Excellent fire-safety characteristics.
- Smooth, burr-free edges protect installers from injury and wires from damage.
- Ribs can be removed easily thanks to upper scorlines.
- Lower scorlines at base of sidewall allow cutting out and removing sections of sidewall with no sharp edges.
- Duct covers hold securely even in a vertical position and under vibration.

- ***Wiring duct covers are included the package.***

LSHF - Wiring Duct Covers





Cat. No.	Product	Size (mm)	Color
540 600	HFK 25mm Wiring Duct Cover	25	Grey
540 610	HFK 40mm Wiring Duct Cover	40	Grey
540 620	HFK 60mm Wiring Duct Cover	60	Grey
540 630	HFK 80mm Wiring Duct Cover	80	Grey

RoHS REACH CERTIFIED CE cULus

Slotted Wiring Ducts

Klemsan “Trunkie” PVC Wiring Ducts



Solutions Which Simplify Wiring

- Now wire management is much easier.
- You can easily mount wire retainers on the bottom rail of the duct without screw and slide them along the rail.



Durability and Reliability

- Assembly or disassembly of the covers is the most difficult operation when ducts are fully wired, design of Trunkie speeds up your work.
- Trunkie enables the customer to use the maximum inner space of the duct and keeps the rigidity even at maximum load of cables.



Appearance

- Special rib pattern allows the end-user to make cable grouping easier.





Speed and Efficiency

- Furthermore, Trunkie helps you save time while breaking off ribs in groups.
- Without using any hand tools,

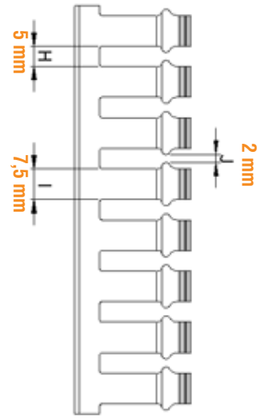
simply bend the duct ribs to 60° - 90°

and easily break them inside the panel.

Slotted Wiring Ducts

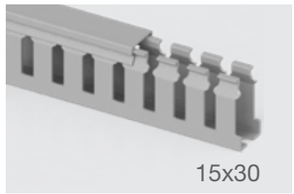
PVC Wiring Ducts Product Range

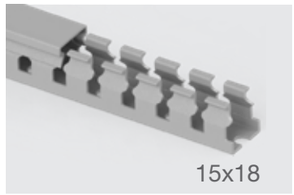
MEDIUM Slotted





	Cat. No.	Product	Size WxH (mm)	Color	Qty.
Self-adhesive	551 060YP	KKC 1518	15x18	Grey	122x2 m
	551 070YP	KKC 1530	15x30	Grey	104x2 m
	551 080YP	KKC 1540	15x40	Grey	80x2 m
	551 090YP	KKC 1560	15x60	Grey	42x2 m
	551 060	KKC 1518	15x18	Grey	126x2 m
	551 070	KKC 1530	15x30	Grey	106x2 m
	551 080	KKC 1540	15x40	Grey	80x2 m
	551 090	KKC 1560	15x60	Grey	42x2 m





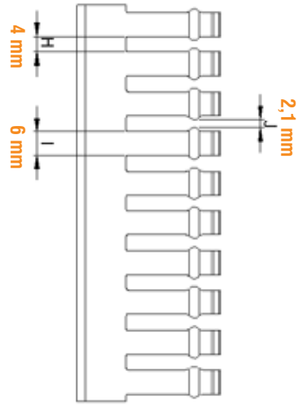
- No lower scorline available for this range.
- Upper scorline is available for breaking off the ribs.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-1 and EN 50085-2-3 standards.

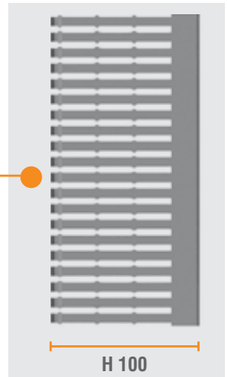
- ***Wiring duct covers are included the package.***

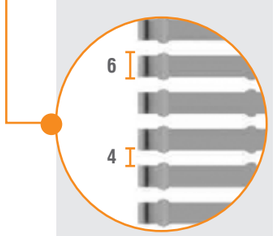
Slotted Wiring Ducts

PVC Wiring Ducts Product Range

NARROW Slotted







Cat. No.	Product	Size WxH (mm)	Color	Qty.
551 010	KKC 2530	25x30	Grey	50x2 m
551 011	KKC 2540	25x40	Grey	50x2 m
551 012	KKC 2560	25x60	Grey	30x2 m
551 030	KKC 2580	25x80	Grey	28x2 m
551 031	KKC 2510	25x100	Grey	22x2 m
551 013	KKC 4040	40x40	Grey	26x2 m
551 014	KKC 4060	40x60	Grey	18x2 m
551 015	KKC 4080	40x80	Grey	20x2 m
551 032	KKC 4010	40x100	Grey	14x2 m
551 016	KKC 6040	60x40	Grey	18x2 m
551 017	KKC 6060	60x60	Grey	12x2 m
551 018	KKC 6080	60x80	Grey	12x2 m
551 033	KKC 6010	60x100	Grey	18x2 m
551 034	KKC 8040	80x40	Grey	18x2 m
551 019	KKC 8060	80x60	Grey	14x2 m
551 020	KKC 8080	80x80	Grey	10x2 m
551 035	KKC 8010	80x100	Grey	12x2 m
551 021	KKC 1006	100x60	Grey	10x2 m
551 022	KKC 1008	100x80	Grey	8x2 m
551 036	KKC 1001	100x100	Grey	12x2 m
551 023	KKC 1206	120x60	Grey	8x2 m
551 024	KKC 1208	120x80	Grey	6x2 m
551 025	KKC 1201	120x100	Grey	10x2 m
551 040	KKC 1501	150x100	Grey	8x2 m

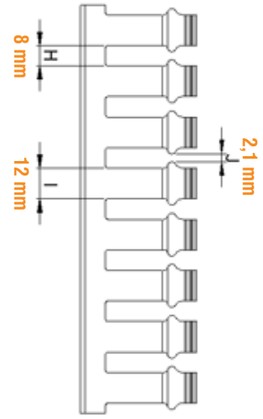
- Upper scorline is available for breaking off the ribs.
- Lower scorline is available.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-12 and EN 50085-2-3 standards.

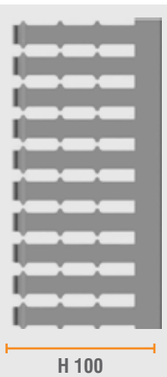
- *Wiring duct covers are included the package.*

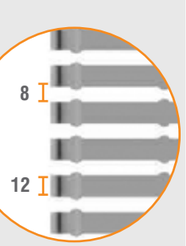
Slotted Wiring Ducts

PVC Wiring Ducts Product Range

WIDE Slotted







Cat. No.	Product	Size WxH (mm)	Color	Qty.
551 014WS	KKC 4060	40x60	Grey	18x2 m
551 015WS	KKC 4080	40x80	Grey	20x2 m
551 032WS	KKC 4010	40x100	Grey	14x2 m
551 017WS	KKC 6060	60x60	Grey	12x2 m
551 018WS	KKC 6080	60x80	Grey	12x2 m
551 033WS	KKC 6010	60x100	Grey	18x2 m
551 019WS	KKC 8060	80x60	Grey	14x2 m
551 020WS	KKC 8080	80x80	Grey	10x2 m
551 035WS	KKC 8010	80x100	Grey	12x2 m
551 021WS	KKC 1006	100x60	Grey	10x2 m
551 022WS	KKC 1008	100x80	Grey	8x2 m
551 036WS	KKC 1001	100x100	Grey	12x2 m
551 023WS	KKC 1206	120x60	Grey	8x2 m
551 024WS	KKC 1208	120x80	Grey	6x2 m
551 025WS	KKC 1201	120x100	Grey	10x2 m
551 040WS	KKC 1501	150x100	Grey	8x2 m

- Upper scorline is available for breaking off the ribs.
- Lower scorline is available.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-1 and EN 50085-2-3 standards.

- *Wiring duct covers are included the package.*

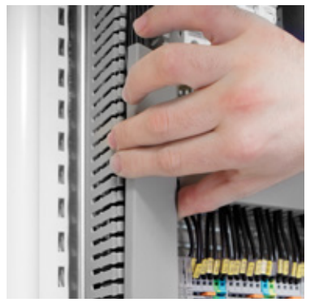
Slotted Wiring Ducts

PVC Wiring Ducts Product Range

Wiring Ducts Covers



Cat. No.	Product	Size (mm)	Color	Description	Qty.
551 049	KKK 15	15	Grey	KKK 15 mm Wiring Duct Cover	10x2 m
551 050	KKK 25	25	Grey	KKK 25 mm Wiring Duct Cover	10x2 m
551 051	KKK 40	40	Grey	KKK 40 mm Wiring Duct Cover	10x2 m
551 052	KKK 60	60	Grey	KKK 60 mm Wiring Duct Cover	10x2 m
551 053	KKK 80	80	Grey	KKK 80 mm Wiring Duct Cover	10x2 m
551 054	KKK 100	100	Grey	KKK 100 mm Wiring Duct Cover	10x2 m
551 055	KKK 120	120	Grey	KKK 120 mm Wiring Duct Cover	10x2 m
551 056	KKK 150	150	Grey	KKK 150 mm Wiring Duct Cover	10x2 m





KKK 60



KKK 40



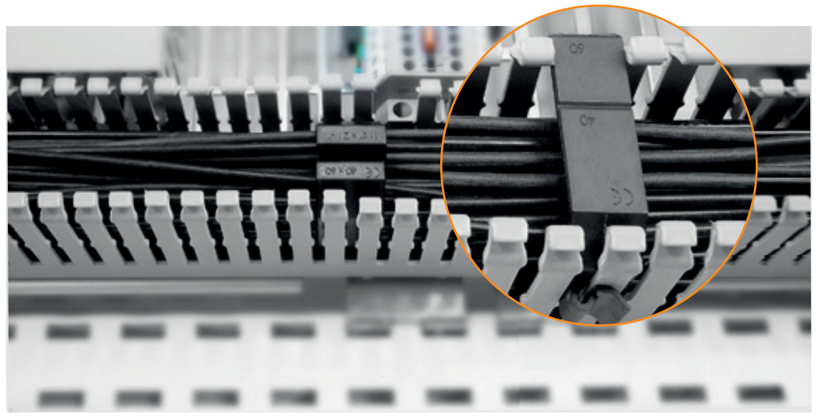
KKK 25

Slotted Wiring Ducts

PVC Wiring Ducts Product Range

Wiring Ducts Accessories







KKT 4040



SETR PPE 6.5



KKM



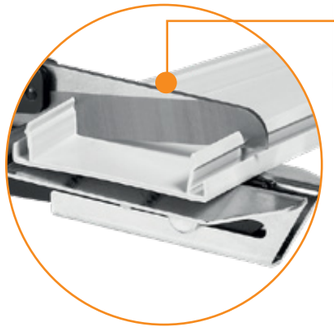
KKB

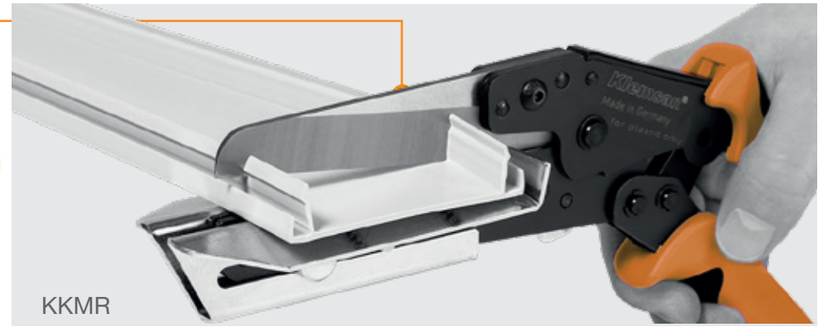
Cat. No.	Product	Color	Description	Qty.
553 315	KKT 4040	Black	Wire Retainer	10
553 325	KKT 4060	Black	Wire Retainer	10
553 335	KKT 6080	Black	Wire Retainer	10
553 345	KKT 4080	Black	Wire Retainer	10
553 355	KKT 6040	Black	Wire Retainer	10
553 365	KKT 6060	Black	Wire Retainer	10
553 375	KKT 6010	Black	Wire Retainer	10
553 385	KKT 8060	Black	Wire Retainer	10
553 395	KKT 1006	Black	Wire Retainer	10
553 425	KKT 1206	Black	Wire Retainer	10
553 435	KKT 8080	Black	Wire Retainer	10
553 445	KKT 8010	Black	Wire Retainer	10
553 455	KKT 1008	Black	Wire Retainer	10
553 465	KKT 1001	Black	Wire Retainer	10
553 475	KKT 1208	Black	Wire Retainer	10
553 485	KKT 1201	Black	Wire Retainer	10
553 500	SETR	-	Setting Tool for Rivets	1
553 600	PPE 6.5	Grey	Rivets	100
553 405	KKB	Black	Cable Clamp	10
553 415	KKM	Black	Cable Holder	10

Slotted Wiring Ducts

PVC Wiring Ducts Product Range

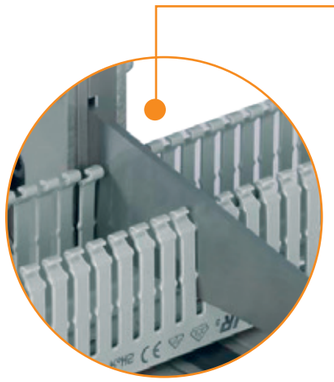
Wiring Duct Cutters

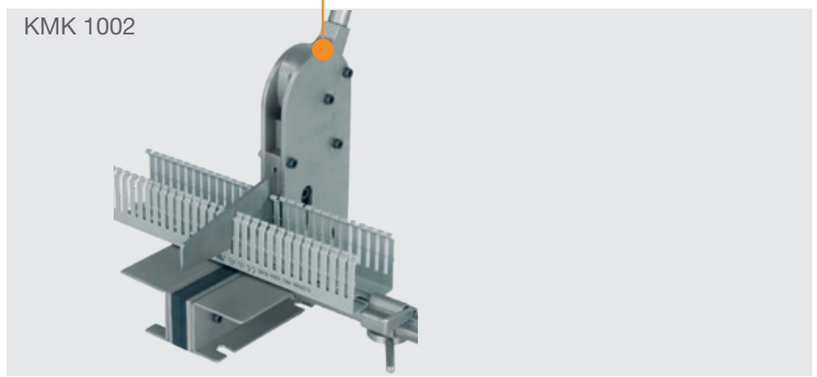




Cat. No.	Product	Description	Qty.
553 230	KKMR	Wiring Duct Cutter (Hand Tool)	1

- Burr-free cutting of wiring ducts and wiring duct covers
- Straight or 45° cutting options
- Equal force distribution across blades helps homogenous cutting
- Cutting up to 100 mm width





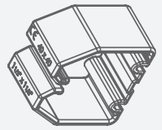
Cat. No.	Product	Description	Qty.
553 220	KMK 1002	Wiring Duct Cutting Tool up to120 mm	1

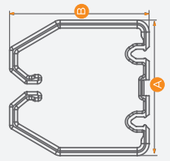
- Cover cutting
- Burr-free cutting
- Long-lived knife
- Length adjustment guide
- Cutting up to 120 mm width

Slotted Wiring Ducts

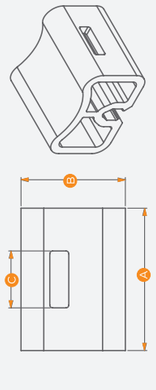
Technical Specifications

Wire Retainer



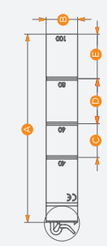


Cable Clamp

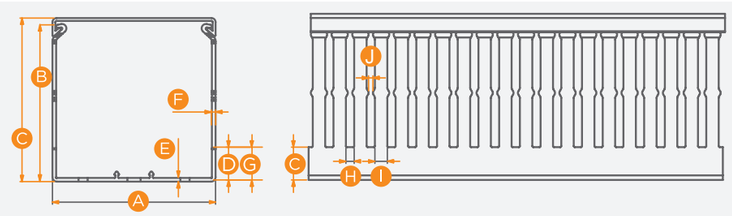


Cable Holder



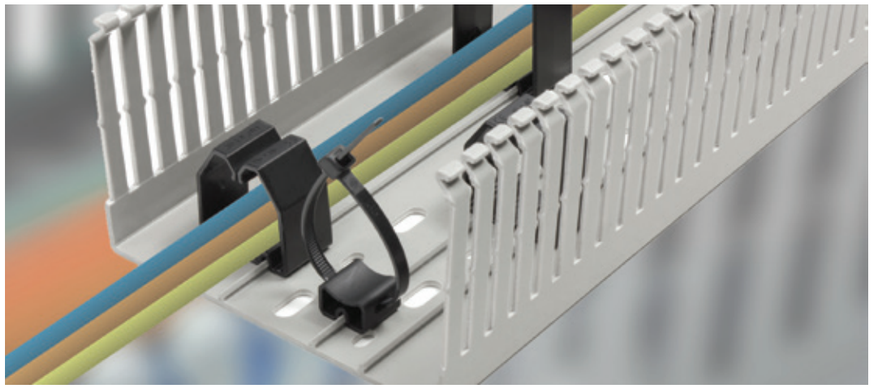


Wiring Duct



Cat. No.	Type	Description	Size (mm)									
			A	B	C	D	E	F	G	H	I	J
551 060	KKC 1518 - Medium	Wiring Duct	15	16,3	18	3,50	1,00	1,00	4,50	5	7,5	2
551 070	KKC 1530 - Medium	Wiring Duct	15	28,3	30	5,00	1,10	1,10	6,10	5	7,5	2
551 080	KKC 1540 - Medium	Wiring Duct	15	38,3	40	9,00	1,20	1,20	10,20	5	7,5	2
551 090	KKC 1560 - Medium	Wiring Duct	15	58,3	60	11,00	1,40	1,40	12,40	5	7,5	2
551 010	KKC 2530 - Narrow	Wiring Duct	25	26,4	30	10,00	1,40	1,40	11,40	4	6	2,1
551 011	KKC 2540 - Narrow	Wiring Duct	25	36,2	40	11,00	1,40	1,40	12,40	4	6	2,1
551 012	KKC 2560 - Narrow	Wiring Duct	25	56,4	60	12,00	1,60	1,60	13,60	4	6	2,1
551 030	KKC 2580 - Narrow	Wiring Duct	25	76,8	80	14,00	1,80	1,80	15,80	4	6	2,1
551 031	KKC 2510 - Narrow	Wiring Duct	25	96,6	100	16,00	1,90	1,90	17,90	4	6	2,1
551 013	KKC 4040 - Narrow	Wiring Duct	40	36,5	40	11,00	1,40	1,40	12,40	4	6	2,1
551 014	KKC 4060 - Narrow	Wiring Duct	40	56,5	60	12,00	1,60	1,60	13,60	4	6	2,1
551 015	KKC 4080 - Narrow	Wiring Duct	40	76,8	80	14,00	1,80	1,80	15,80	4	6	2,1
551 032	KKC 4010 - Narrow	Wiring Duct	40	96,9	100	16,00	1,90	2,00	17,90	4	6	2,1
551 016	KKC 6040 - Narrow	Wiring Duct	60	36,8	40	11,00	1,60	1,60	12,60	4	6	2,1
551 017	KKC 6060 - Narrow	Wiring Duct	60	56,8	60	12,00	1,80	1,80	13,80	4	6	2,1
551 018	KKC 6080 - Narrow	Wiring Duct	60	76,7	80	14,00	1,80	1,80	15,80	4	6	2,1
551 033	KKC 6010 - Narrow	Wiring Duct	60	96,9	100	16,00	2,00	2,00	18,00	4	6	2,1
551 034	KKC 8040 - Narrow	Wiring Duct	80	36,8	40	11,00	1,60	1,60	12,60	4	6	2,1
551 019	KKC 8060 - Narrow	Wiring Duct	80	57,0	60	12,00	1,80	1,80	13,80	4	6	2,1
551 020	KKC 8080 - Narrow	Wiring Duct	80	77,1	80	14,00	1,80	1,80	15,80	4	6	2,1
551 035	KKC 8010 - Narrow	Wiring Duct	80	97,2	100	16,00	2,20	2,20	18,20	4	6	2,1
551 021	KKC 1006 - Narrow	Wiring Duct	100	57,3	60	12,00	2,00	2,00	14,00	4	6	2,1
551 022	KKC 1008 - Narrow	Wiring Duct	100	77,2	80	14,00	2,00	2,00	16,00	4	6	2,1
551 036	KKC 1001 - Narrow	Wiring Duct	100	97,2	100	16,00	2,20	2,30	18,20	4	6	2,1
551 023	KKC 1206 - Narrow	Wiring Duct	120	57,6	60	12,00	2,30	2,00	14,30	4	6	2,1
551 024	KKC 1208 - Narrow	Wiring Duct	120	77,5	80	14,00	2,30	2,00	16,30	4	6	2,1
551 025	KKC 1201 - Narrow	Wiring Duct	120	97,5	100	16,00	2,40	2,40	18,40	4	6	2,1
551 040	KKC 1501 - Narrow	Wiring Duct	150	98,1	100	16,00	2,70	2,70	18,70	4	6	2,1

Technical Specifications



Cat. No.	Type	Description	Size (mm)									
			A	B	C	D	E	F	G	H	I	J
551 014WS	KKC 4060 - Wide	Wiring Duct	40	56,5	60	12,00	1,60	1,60	13,60	8	12	2,1
551 015WS	KKC 4080 - Wide	Wiring Duct	40	76,8	80	14,00	1,80	1,80	15,80	8	12	2,1
551 032WS	KKC 4010 - Wide	Wiring Duct	40	96,9	100	16,00	1,90	2,00	17,90	8	12	2,1
551 017WS	KKC 6060 - Wide	Wiring Duct	60	56,8	60	12,00	1,80	1,80	13,80	8	12	2,1
551 018WS	KKC 6080 - Wide	Wiring Duct	60	76,7	80	14,00	1,80	1,80	15,80	8	12	2,1
551 033WS	KKC 6010 - Wide	Wiring Duct	60	96,9	100	16,00	2,00	2,00	18,00	8	12	2,1
551 019WS	KKC 8060 - Wide	Wiring Duct	80	57,0	60	12,00	1,80	1,80	13,80	8	12	2,1
551 020WS	KKC 8080 - Wide	Wiring Duct	80	77,1	80	14,00	1,80	1,80	15,80	8	12	2,1
551 035WS	KKC 8010 - Wide	Wiring Duct	80	97,2	100	16,00	2,20	2,20	18,20	8	12	2,1
551 021WS	KKC 1006 - Wide	Wiring Duct	100	57,3	60	12,00	2,00	2,00	14,00	8	12	2,1
551 022WS	KKC 1008 - Wide	Wiring Duct	100	77,2	80	14,00	2,00	2,00	16,00	8	12	2,1
551 036WS	KKC 1001 - Wide	Wiring Duct	100	97,2	100	16,00	2,20	2,30	18,20	8	12	2,1
551 023WS	KKC 1206 - Wide	Wiring Duct	120	57,6	60	12,00	2,30	2,00	14,30	8	12	2,1
551 024WS	KKC 1208 - Wide	Wiring Duct	120	77,5	80	14,00	2,30	2,00	16,30	8	12	2,1
551 025WS	KKC 1201 - Wide	Wiring Duct	120	97,5	100	16,00	2,40	2,40	18,40	8	12	2,1
551 040WS	KKC 1501 - Wide	Wiring Duct	150	98,1	100	16,00	2,70	2,70	18,70	8	12	2,1



Low Smoke Halogen Free

540 010	KHF 2530	HF Wiring Duct	25	26,6	30	8,00	1,55	1,55	9,55	4	6	Top 1,8 - Middle 2,1
540 020	KHF 2540	HF Wiring Duct	25	36,8	40	10,00	1,60	1,60	11,60	4	6	
540 030	KHF 2560	HF Wiring Duct	25	56,8	60	12,00	1,60	1,60	13,60	4	6	
540 060	KHF 4040	HF Wiring Duct	40	36,9	40	10,00	1,60	1,60	11,60	4	6	
540 070	KHF 4060	HF Wiring Duct	40	56,9	60	12,00	1,60	1,60	13,60	4	6	
540 080	KHF 4080	HF Wiring Duct	40	76,9	80	14,00	1,80	1,80	15,80	4	6	
540 100	KHF 6040	HF Wiring Duct	60	37,0	40	10,00	1,60	1,60	11,60	4	6	
540 110	KHF 6060	HF Wiring Duct	60	57,1	60	12,00	1,80	1,80	13,80	4	6	
540 120	KHF 6080	HF Wiring Duct	60	77,1	80	14,00	1,90	1,90	15,90	4	6	
540 150	KHF 8060	HF Wiring Duct	80	57,1	60	12,00	1,80	1,80	13,80	4	6	
540 160	KHF 8080	HF Wiring Duct	80	77,1	80	14,00	2,00	2,00	16,00	4	6	

Technical Specifications



KKT 1001



KKT 1006



KKT 6040



KKB



KKT 1208



KKT 4080



KKT 4060

Cat. No.	Type	Description	Size (mm)							
			A	B	C	D	E	F	G	H
553 315	KKT 4040	Wire Retainer	34	35	-	-	-	-	-	-
553 325	KKT 4060	Wire Retainer	34	53	-	-	-	-	-	-
553 335	KKT 6080	Wire Retainer	53	75	-	-	-	-	-	-
553 345	KKT 4080	Wire Retainer	34	75	-	-	-	-	-	-
553 355	KKT 6040T	Wire Retainer	53	35	-	-	-	-	-	-
553 365	KKT 6060	Wire Retainer	53	53	-	-	-	-	-	-
553 375	KKT 6010	Wire Retainer	53	95	-	-	-	-	-	-
553 385	KKT 8060	Wire Retainer	73	53	-	-	-	-	-	-
553 395	KKT 1006	Wire Retainer	93	53	-	-	-	-	-	-
553 425	KKT 1206	Wire Retainer	113	53	-	-	-	-	-	-
553 435	KKT 8080	Wire Retainer	73	75	-	-	-	-	-	-
553 445	KKT 8010	Wire Retainer	73	95	-	-	-	-	-	-
553 455	KKT 1008	Wire Retainer	93	75	-	-	-	-	-	-
553 465	KKT 1001	Wire Retainer	93	95	-	-	-	-	-	-
553 475	KKT 1208	Wire Retainer	113	75	-	-	-	-	-	-
553 485	KKT 1201	Wire Retainer	113	95	-	-	-	-	-	-
553 405	KKB	Cable Clamp	15	11	6	-	-	-	-	-
553 415	KKM	Cable Holder	83,6	14	15	20	19,8	-	-	-

Test Plugs and Sockets



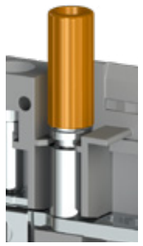
TF | TSK 1 | TSK 3 | TSK 4 | TSK 6 | TSK 7 | TSK 8 | TSK 9 | TSK 10 | TSK 11

Cat. No.	Product	Terminals used
493 020	TF (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
493 023	TF (2.3)	AVK 2.5; AVK 4; AVK 6; AVK 10; PIK 2.5 N; PIK 4 NK; PIK 2.5 ND; PIK 2.5 NLD;PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 010	TSK 1 (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 030	TSK 3 (Q2.3)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4 N; PIK 4 NK; PIK 4 ND; PIK 4 NLD; PUK 3; PUK 2T; PUK 3T; PUK 3 S; PUK 3 SLD (NPN); PUK 3 SLD (PNP)
493 040	TF (Q4)	AVK 4; AVK 6; AVK 10; AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 IRD; WGO 1; WGO 2N; WGO 2 IR; WGO 3; WGL 1; WGO PB 6; WGO Y6; WGO YD6; WGO PBD 6
490 040	TSK 4 (Q2.3)	AVK 4; AVK 6; AVK 10
490 070	TSK 7 (Q4)	AVK 4; AVK 6; AVK 10
490 080	TSK 8 (Q4)	AVK 16
490 090	TSK 9 (Q4)	AVK 16 RD; AVK 35 RD; AVK 35 RDS; AVK 35 IRDS
490 100	TSK 10	WGO 1; WGO 3; WGL 1; WGO Y6; WGO YD6; WGO 2N

Socket Group 1 (Without Isolation)		
Group 1	Suitable Terminal Blocks	WGO 1 - WGL 1 - WGO 3 - WGO 2N
	Component Stock Code	Component Name
	5.1.1.0.006213	UKK 6x11,8
	3.0.3.4.000314	SCREW M3x17



Test Socket Group 2 (With Isolation)		
Group 2	Suitable Terminal Blocks	WGO 1 - WGL 1 - WGO 3 - WGO 2N
	Color Options	Orange (Standart) - Blue - Green - Yellow - Violet
	Component Stock Code	Component Name
	0.0.0.4.90100	TSK 10 ORANGE
	5.1.1.0.006213	UKK 6x11,8



Test Socket Group 3 (With Isolation)		
Group 3	Suitable Terminal Blocks	WGO4
	Color Options	Orange (Standart) - Blue - Green - Yellow - Violet - Red - Black
	Component Stock Code	Component Name
	0.0.0.4.90110	TSK 11 ORANGE

Cable Ties



Natural : Made from U.L. approved polyamide 66.
Flammibility rating : UL 94 V-2
Normal service temperature range : - 40° C to 85° C.

Black : Material and temperature as above, except in black color.
Specification : Made to comply with mil-spec drawing no. MS-3667 tensile strength meet or exceed MIL-S-23190 D standart.

B or S codes at the end of each cat. number indicate the color of the cable-tie.
Please contact for any requirements apart from the list.

B : White
S : Black

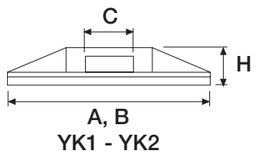
Type	Cat. No.	Width (mm)	Length (mm)	Max. Bundle Dia. (mm)	Max. Tensite Strength (KGs)	Qty.
YKB 94	**532 094 B**	2,5	94	25	8	1000
YKB 94	**532 094 S**	2,5	94	25	8	1000
YKB 100	**532 100 B**	2,5	100	25	8	1000
YKB 100	**532 100 S**	2,5	100	25	8	1000
YKB 142	**532 142 B**	2,5	142	35	8	1000
YKB 142	**532 142 S**	2,5	142	35	8	1000
YKB 203	**532 203 B**	2,5	203	55	8	1000
YKB 203	**532 203 S**	2,5	203	55	8	1000
YKB 150	**533 150 B**	3,6	150	39	18	1000
YKB 150	**533 150 S**	3,6	150	39	18	1000
YKB 250	**533 250 B**	3,6	250	74	18	1000
YKB 250	**533 250 S**	3,6	250	74	18	1000
YKB 292	**533 292 B**	3,6	292	85	18	1000
YKB 292	**533 292 S**	3,6	292	85	18	1000
YKB 368	**533 368 B**	3,6	368	102	18	1000
YKB 368	**533 368 S**	3,6	368	102	18	1000
YKB 120	**534 120 B**	4,8	120	30	22	1000
YKB 120	**534 120 S**	4,8	120	30	22	1000
YKB 190	**534 190 B**	4,8	190	52	22	1000
YKB 190	**534 190 S**	4,8	190	52	22	1000
YKB 368	**534 368 B**	4,8	368	102	22	1000
YKB 368	**534 368 S**	4,8	368	102	22	1000
YKB 300	**537 300 B**	7,6	300	88	55	500
YKB 300	**537 300 S**	7,6	300	88	55	500
YKB 380	**537 380 B**	7,6	380	110	55	500
YKB 380	**537 380 S**	7,6	380	110	55	500
YKB 450	**538 450 B**	8,0	450	133	80	1000
YKB 450	**538 450 S**	8,0	450	133	80	1000
YKB 762	**539 762 B**	9,0	762	236	80	1000
YKB 762	**539 762 S**	9,0	762	236	80	1000

Self-Adhesive Tie Mounts

Material : UL Approved Polyamide 66, UL 94V-2. (Backed with adhesive tape)
Self-adhesive tie mounts are designed to support light weight wire bundles when properly applied on any clean, smooth, grease-free surface. For heavy support, mounting hole is provided for screws.

Installation : To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles.

To apply with the cable ties :
YK 1 : Up to 4.7 mm. wide cable ties. B : White
YK 2 : Up to 5 mm. wide cable ties. S : Black



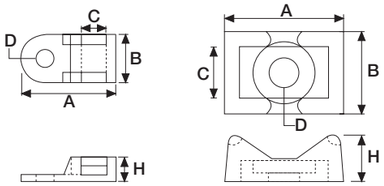


Type	Cat. No.	Dimensions (mm)				Qty.
		A	B	C	H	
YK 1	**541 210 B**	21	21	4,4	5	500
YK 1	**541 210 S**	21	21	4,4	5	500
YK 2	**541 280 B**	28	28	6,5	5,8	500
YK 2	**541 280 S**	28	28	6,5	5,8	500

Saddle Type Tie Mounts

Material : UL Approved Polyamide 66, UL 94V-2.
Saddle design provides maximum stability to wire bundles. To apply, simply fix mount with a screw and secure wire bundles with the cable ties.

To apply with the cable ties :
VK 1 : Up to 5 mm. wide cable ties.

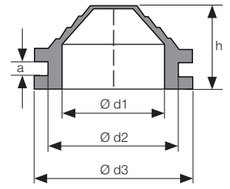




Type	Cat. No.	Dimensions (mm)					Qty.
		A	B	H	D Ø	C	
VK 1	**542 110 B**	19	9,5	5	3,4	5	500
VK 1	**542 110 S**	19	9,5	5	3,4	5	500
VK 2	**542 120 B**	23	16	9	6	9	500
VK 2	**542 120 S**	23	16	9	6	9	500

Rubber Glands





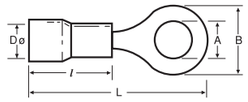
Type	Cat. No.	Dimensions (mm)				Qty.
RR 11	**630 110**	10	16	22	13	100
RR 13,5	**630 135**	14	21	27	17,5	100
RR 16	**630 160**	17	23,5	29,5	17,5	100
RR 21	**630 210**	23	29	35	18,5	100
RR 29	**630 290**	29,5	38	44	21,5	100
RR 36	**630 360**	39,5	49	55	24,5	50
RR 42	**630 420**	49,5	59	66	30	50

Insulated Terminals

Insulated Terminals are made of E-Cu with tin - plating.
Insulation parts are made of PVC.

Insulated Terminals / Ringtype

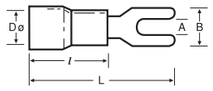




Cat. No.	Type	Cross-Sec. (mm²)	A	B	DØ	L	l	Qty.
590 010	KYK - 301	0,5 - 1,5	3,2	5,5 ±0,2	4,3 ±0,3	17,5 ±1,0	10 ±0,5	100
590 011	KYK - 351	0,5 - 1,5	3,8	6,6 ±0,2	4,3 ±0,3	19,4 ±1,0	10 ±0,5	100
590 012	KYK - 401	0,5 - 1,5	4,4	6,6 ±0,2	4,3 ±0,3	19,6 ±1,0	10 ±0,5	100
590 013	KYK - 501	0,5 - 1,5	5,4	8,0 ±0,2	4,3 ±0,3	20,8 ±1,0	10 ±0,5	100
590 014	KYK - 601	0,5 - 1,5	6,5	11,9 ±0,2	4,3 ±0,3	27,0 ±1,0	10 ±0,5	100
590 015	KYK - 801	0,5 - 1,5	8,5	11,8 ±0,2	4,3 ±0,3	26,7 ±1,0	10 ±0,5	100
590 020	KYK - 302	1,5 - 2,5	3,4	6,6 ±0,2	4,8 ±0,3	17,8 ±1,0	10 ±0,5	100
590 021	KYK - 402	1,5 - 2,5	4,4	8,5 ±0,2	4,8 ±0,3	22,0 ±1,0	10 ±0,5	100
590 022	KYK - 502	1,5 - 2,5	5,4	9,6 ±0,2	4,8 ±0,3	21,8 ±1,0	10 ±0,5	100
590 023	KYK - 602	1,5 - 2,5	6,4	12 ±0,2	4,8 ±0,3	27,0 ±1,0	10 ±0,5	100
590 024	KYK - 802	1,5 - 2,5	8,5	12 ±0,2	4,8 ±0,3	27,0 ±1,0	10 ±0,5	100
590 025	KYK-1002	1,5 - 2,5	10,6	13,6 ±0,2	4,8 ±0,3	30,5 ±1,0	10 ±0,5	100
590 030	KYK - 406	4,0 - 6,0	4,4	9,5 ±0,2	6,7 ±0,3	26,6 ±1,0	13 ±0,5	100
590 031	KYK - 506	4,0 - 6,0	5,3	9,5 ±0,3	6,7 ±0,3	26,6 ±1,0	13 ±0,5	100
590 032	KYK - 606	4,0 - 6,0	6,4	12 ±0,2	6,7 ±0,3	29,5 ±1,0	13 ±0,5	100
590 033	KYK - 806	4,0 - 6,0	8,5	15 ±0,2	6,5 ±0,3	34,0 ±1,0	13 ±0,5	50
590 034	KYK-1006	4,0 - 6,0	10,6	15 ±0,2	6,7 ±0,3	33,8 ±1,0	13 ±0,5	50
590 035	KYK-1206	4,0 - 6,0	13,1	19,1 ±0,2	6,7 ±0,3	38,2 ±1,0	13 ±0,5	50

Insulated Terminals / Forktype

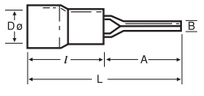




Cat. No.	Type	Cross-Sec. (mm²)	A	B	DØ	L	l	Qty.
591 010	KCK - 301	0,5 - 1,5	3,3	5,7 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 011	KCK - 351	0,5 - 1,5	3,8	6,4 ±0,3	4,1 ±0,3	21 ±1,0	10 ±0,5	100
591 012	KCK - 401	0,5 - 1,5	4,4	6,4 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 013	KCK - 501	0,5 - 1,5	5,4	8,1 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 014	KCK - 601	0,5 - 1,5	6,6	9,5 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 021	KCK - 352	1,5 - 2,5	3,7	6 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 022	KCK - 402	1,5 - 2,5	4,4	6,4 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 023	KCK - 502	1,5 - 2,5	5,4	8,1 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 024	KCK - 602	1,5 - 2,5	6,5	12 ±0,3	4,9 ±0,3	27 ±1,0	10 ±0,5	100
591 030	KCK - 406	4,0 - 6,0	4,4	8,3 ±0,3	6,6 ±0,3	25,5 ±1,0	13 ±0,5	100
591 031	KCK - 506	4,0 - 6,0	5,4	9,0 ±0,3	6,7 ±0,3	25,5 ±1,0	13 ±0,5	100
591 032	KCK - 606	4,0 - 6,0	6,6	12 ±0,3	6,7 ±0,3	31,5 ±1,0	13 ±0,5	50

Insulated Terminals / Pinconnectors



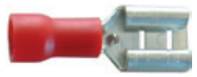


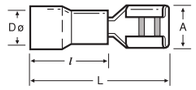
Cat. No.	Type	Cross-Sec. (mm²)	A	B	DØ	L	l	Qty.
592 010	KIK 1/1,5	0,5 - 1,5	12,0 ±0,3	1,9 ±0,2	4,3 ±0,3	22,0 ±1,0	10,0 ±0,5	200
592 020	KIK 1/2,5	1,5 - 2,5	12,0 ±0,3	1,8 ±0,2	4,9 ±0,3	22,0 ±1,0	10,0 ±0,5	200
592 030	KIK 6	4,0 - 6,0	14,0 ±0,3	2,8 ±0,2	6,7 ±0,3	27,0 ±1,0	13,0 ±0,5	100

DØ: Do is the inner-Width for the isolation part.

Insulated Terminals

Insulated Terminals / Female Disconnect

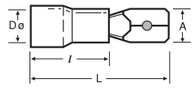




Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
593 010	KFD - 1288	0,5 - 1,5	3,2 +0,2 -0,05	3,4 ±0,3	18,8 ±1,0	10 ±0,5	100
593 011	KFD - 1488	0,5 - 1,5	5,00 +0,2 -0,05	3,4 ±0,3	18,8 ±1,0	10 ±0,5	100
593 012	KFD - 1638	0,5 - 1,5	6,7 ±0,2	3,4 ±0,3	20,5 ±1,0	10 ±0,5	100
593 020	KFD - 2488	1,5 - 2,5	5,00 +0,2 -0,05	4,1 ±0,3	19 ±1,0	10 ±0,5	100
593 021	KFD - 2638	1,5 - 2,5	6,7 ±0,2	4,1 ±0,3	20,4 ±1,0	10 ±0,5	100
593 022	KFDC - 2288	1,5 - 2,5	3,20 +0,2 -0,05	4,6 ±0,3	19 ±1,0	10,5 ±0,5	100
593 030	KFD - 5638	4,0 - 6,0	6,7 ±0,2	5,6 ±0,3	23,4 ±1,0	13 ±0,5	100

Insulated Terminals / Male Disconnect

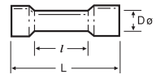




Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
594 010	KFE - 1288	0,5 - 1,5	2,8 ±0,2	4,1 ±0,3	18,7 ±1,0	10 ±1,0	100
594 011	KFE - 1488	0,5 - 1,5	4,8 ±0,2	3,5 ±0,3	19,2 ±1,0	10 ±0,5	100
594 012	KFE - 1638	0,5 - 1,5	6,35 ±0,2	3,4 ±0,3	21 ±1,0	10 ±0,5	100
594 020	KFE - 2488	1,5 - 2,5	4,8 ±0,2	4,1 ±0,3	19,4 ±1,0	10 ±1,0	100
594 021	KFE - 2638	1,5 - 2,5	6,35 ±0,2	4,1 ±0,3	21 ±1,0	10 ±1,0	100
594 030	KFE - 5638	4,0 - 6,0	6,35 ±0,2	5,6 ±0,3	24 ±1,0	13 ±0,5	100

Insulated Terminals / Butt Connectors

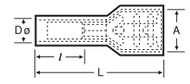




Cat. No.	Type	Cross-Sec. (mm²)	DØ	L	l	Qty.
597 010	KME - 251	0,5 - 1,5	4,3 ±0,3	26,0 ±1,0	15,0 ±0,3	200
597 020	KME - 252	1,5 - 2,5	4,8 ±0,3	26,0 ±1,0	15,0 ±0,3	200
597 030	KME - 256	4,0 - 6,0	6,7 ±0,3	27,0 ±1,0	15,0 ±0,3	100

Fully Insulated Terminals / Female Disconnect





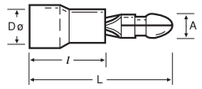
Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
595010	IKFD 1288	0,5 - 1,5	3,2 +0,2-0,05	3,4 ±0,3	18,5 ±1,0	10 ±0,5	100
595011	IKFD 1488	0,5 - 1,5	5,00 ±0,2	3,4 ±0,3	19 ±1,0	10 ±0,5	100
595012	IKFD 1638	0,5 - 1,5	6,7 ±0,2	3,4 ±0,3	22,6 ±1,0	10 ±0,5	100
595013	IKFDC 1638	0,5 - 1,5	6,7 ±0,2	3,9 ±0,3	22,6 ±1,0	10 ±0,5	100
595019	IKFDCY 1638	0,5 - 1,5	6,7 ±0,2	3,9 ±0,3	22,9 ±1,0	10 ±0,5	100
595020	IKFD 2488	1,5 - 2,5	5,0 +0,2-0,05	4,2 ±0,3	21,7 ±1,0	10 ±0,5	100
595021	IKFD 2638	1,5 - 2,5	6,7 ±0,2	4,1 ±0,3	22,8 ±1,0	10 ±0,5	100
595022	IKFDC 2638	1,5 - 2,5	6,7 ±0,2	4,7 ±0,3	22,4 ±1,0	10 ±0,5	100
595030	IKFD 5638	4,0 - 6,0	6,7 ±0,2	5,2 ±0,3	23,8 ±1,0	11 ±0,5	100
595031	IKFDC 5638	4,0 - 6,0	6,7 ±0,2	6,4 ±0,3	24 ±1,0	12 ±0,5	100

DØ: Do is the inner-Width for the isolation part.

Insulated Terminals

Insulated Terminals / Male Bullet

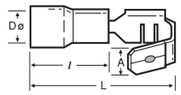




	Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
	598 010	KMT - 1040	0,5 - 1,5	4,0 ±0,2	3,4 ±0,3	21,5 ±1,0	10 ±0,5	200
	598 020	KMT - 2050	1,5 - 2,5	5,0 ±0,2	4,1 ±0,3	21,5 ±1,0	10 ±0,3	200
	598 030	KMT - 5050	4,0 - 6,0	5,0 ±0,2	5,6 ±0,3	24,5 ±1,0	13 ±0,3	100

Insulated Terminals / Piggy Back

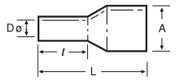




	Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
	596010	KPB 1638	0,5 - 1,5	6,5 ±0,2	3,4 ±0,3	21,5 ±1,0	10,2 ±0,5	200
	596011	KPBC 1638	0,5 - 1,5	6,5 ±0,2	4,0 ±0,3	22,0 ±1,0	10,5 ±0,5	200
	596020	KPB 2638	1,5 - 2,5	6,5 ±0,2	4,2 ±0,3	21,5 ±1,0	10,2 ±0,5	100
	596030	KPB 5638	4,0 - 6,0	6,3 ±0,2	5,5 ±0,3	24,0 ±1,0	12,7 ±0,5	100
	596031	KPBC 5638	4,0 - 6,0	6,4 ±0,2	6,2 ±0,3	24,8 ±1,0	13,0 ±0,5	100

Insulated Terminals / Female Bullet



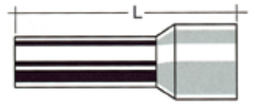


	Cat. No.	Type	Cross-Sec. (mm²)	A	DØ	L	l	Qty.
	599 010	KFT - 1040	0,5 - 1,5	3,9 ±0,2	3,3 ±0,3	24,5 ±1,0	10,0 ±0,5	200
	599 020	KFT - 2050	1,5 - 2,5	4,9 ±0,2	3,9 ±0,3	25,0 ±1,0	10,0 ±0,5	200
	599 030	KFT - 5050	4,0 - 6,0	4,9 ±0,2	5,6 ±0,3	28,0 ±1,0	13,0 ±0,5	100

DØ: Do is the inner-Width for the isolation part.

End Sleeves

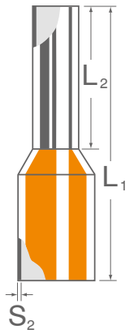
Insulated Type



Type	Cat. No.	Cross-Section (mm²)	L (mm)	Color	AWG	Qty.
IKY 0,25/8	**570 002F**			Violet		500
IKY 0,34/8	**570 003F**			Pink		500
IKY 0,50/8	**570 010F**	0,50	14	White	20	500
IKY 0,75/8	**570 020F**	0,75	14	Blue	18	500
IKY 1,0/8	**570 030F**	1,0	14	Red	17	500
IKY 1,5/8	**570 040F**	1,5	14	Black	16	500
IKY 2,5/8	**570 050F**	2,5	15	Gray	14	250
IKY 4,0/9	**570 060F**	4	16	Orange	12	250
IKY 6,0/12	**570 070F**	6	20	Green	10	100
IKY 10,0/12	**570 080F**	10	21	Brown	8	100
IKY 16,0/12	**570 090F**	16	22	Ivory	6	50
IKY 15,0/16	**570 100F**	25	29	Black	4	20
IKY 35,0/16	**570 110F**	35	30	Red	2	20
IKY 50,0/20	**570 120F**	50	36	Blue	1	20

Type	Cat. No.	Cross-Section (mm²)	L1 (mm)	L2 (mm)	S2	AWG	Color	Qty.
IKY 0,25/8	**570 002**	10	6	0,25	0,25	20	Light Blue	500
IKY 0,35/8	**570 003**	10	6	0,25	0,34	20	Turquoise	500
IKY 0,50/8	**570 010**	14	8	0,25	0,5	20	Orange	500
IKY 0,75/8	**570 020**	14	8	0,25	0,75	18	White	500
IKY 1,0/8	**570 030**	14	8	0,25	1	17	Yellow	500
IKY 01,5/8	**570 040**	14	8	0,25	1,5	16	Red	500
IKY 1,5/10	**570 041**	16	10	0,25	1,5	16	Red	500
IKY 1,5/12	**570 042**	18	12	0,25	1,5	16	Red	500
IKY 1,5/18	**570 043**	24	18	0,25	1,5	16	Red	500
IKY 2,5/8	**570 050**	15	8	0,25	2,5	14	Blue	250
IKY 2,5/12	**570 052**	19	12	0,25	2,5	14	Blue	250
IKY 2,5/18	**570 053**	25	18	0,25	2,5	14	Blue	250
IKY 4,0/9	**570 060**	18	10	0,3	4	12	Grey	250
IKY 4,0/12	**570 061**	19	12	0,3	4	12	Grey	250
IKY 6,0/12	**570 070**	20	12	0,3	6	10	Black	100
IKY 6,0/18	**570 071**	26	18	0,3	6	10	Black	100
IKY 10,0/12	**570 080**	22	12	0,4	10	8	Beige	100
IKY 10,0/18	**570 081**	28	18	0,4	10	8	Beige	100
IKY 16,0/12	**570 090**	22	12	0,4	16	6	Green	50
IKY 16,0/18	**570 091**	28	18	0,4	16	6	Green	50
IKY 25,0/16	**570 100**	30	16	0,4	25	4	Brown	20
IKY 35,0/16	**570 110**	30	16	0,4	34	2	Beige	20
IKY 50,0/20	**570 120**	36	20	0,5	50	1	Olive Green	20

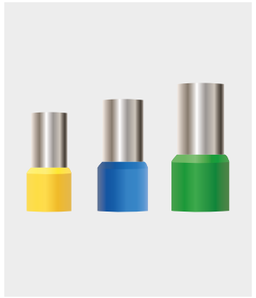
Insulated End Sleeves - Standard DIN Series
Single Cord Insulated End Sleeves



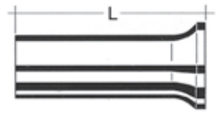
Material: Insertion funnel is made of PA
Self-Extinguish
Metal cylinder is made of tin-plated copper (EN 13600)
Heat resistant: -40~105°C
ROHS Compliant

Standard: Dimensions and colours are compatible with DIN 46228 According to UL 486 requirements
Color Standard: German

Package: Transparent Box



Uninsulated Type



Type	Cat. No.	Cross-Section (mm²)	L (mm)	AWG	Qty.
KY 0,50/10	**571 010**	0,50	10	20	1000
KY 0,75/10	**571 020**	0,75	10	18	1000
KY 1,0/10	**571 030**	1,0	10	17	1000
KY 1,5/10	**571 040**	1,5	10	16	1000
KY 2,5/12	**571 050**	2,5	12	14	1000
KY 4,0/12	**571 060**	4,0	12	12	500
KY 6,0/12	**571 070**	6,0	12	10	250
KY 10,0/12	**571 080**	10,0	12	8	250
KY 16,0/12	**571 090**	16,0	12	6	100

Uninsulated end sleeves are made of E-Cu with tin-plating as per DIN 46228/1.

Twin Cord end Terminals



Type	Cat. No.	Cross-Section (mm²)	Color	Qty.
IKY - 2 x 0,5/8	**572 010**	2 x 0,5	Orange	500
IKY - 2 x 0,75/8	**572 020**	2 x 0,75	White	500
IKY - 2 x 1/8	**572 030**	2 x 1,0	Yellow	500
IKY - 2 x 1,5/8	**572 040**	2 x 1,5	Red	250
IKY - 2 x 2,5/10	**572 050**	2 x 2,5	Blue	200
IKY - 2 x 4/12	**572 060**	2 x 4,0	Grey	100
IKY - 2 x 6/14	**572 070**	2 x 6,0	Black	75
IKY - 2 x 10/14	**572 080**	2 x 10	Ivory	50
IKY - 2 x 16/14	**572 090**	2 x 16	Green	20

Insulated twin cord end sleeves are made of E-Cu with tin-plating as per DIN 46228/4.

RoHS COMPLIANT

Hand Tools

Crimping Tools



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 113	CRIMPER 6	0,25-6,0mm² (AWG 24-10)	Linear	Front	Automatic	1

- Automatic adjustment to the wire cross-sections
- Continuous precision crimp over the full length of the ferrule
- Full cycle ratchet operation (with release) assuring a complete crimp
- Perfect fit to hand ergonomics
- Patented crimping technology

Terminal / Connector Type



Crimping Profile





Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 125	CRIMPER F 10 R	0,08-10 mm² (28-8 AWG)	Linear	Side	Automatic	1

- Crimping of wire end ferrules with or without insulation
- High-precision crimping results
- Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 126	CRIMPER F 10 L	0,5-10 mm² (20-8 AWG)	Linear	Front	-	1

- Automatic adjustment to the wire cross-sections
- High precision crimping
- Releasable ratchet ensures the complete crimping process
- Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile





Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 124	CRIMPER N 16 H	0,08-16 mm²	Linear	Side	-	1

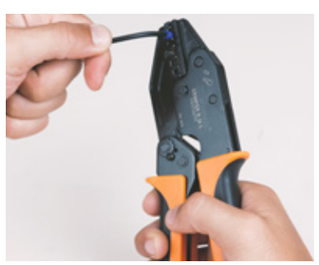
- Automatic adjustment between 0,08 - 16 mm²
- Required hand force reduced by 30%
- Hexagonal crimping
- Releasable ratchet ensures the complete crimping process
- Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile





Cat. No.	Product	Cable Cross-Section	Qty.
562 117	CRIMPER N 16 L	0,14-16,0 mm² (26-20;18-16; 14; 12; 10; 8; 6 AWG)	1

- Releasable ratchet ensures the complete crimp process
- Special-designed ergonomic handles prevents slipping
- Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile



Crimping Tools



Cat. No.	Product	Cable Cross-Section	Qty.
562 119	CRIMPER N 50 L	10,0-50,0 mm² (8;6;4;2;1 AWG)	1

• Releasable ratchet ensures the complete crimping process
• Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile

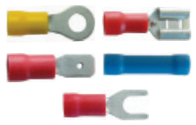




Cat. No.	Product	Crimping Range	Qty.
562 120	CRIMPER IT 6 S	Red 0,5-1,0 (20-18 AWG) Blue 1,5-2,5 (16-14 AWG) Yellow 4,0-6,0(12-10 AWG)	1

• Red/blue/yellow round type DIN cable lugs, pin cable lugs, female FASTON cable lugs, male FASTON cable lugs, male terminals, cable joints
• Ergonomically designed soft handles with non-slip grip material for comfortable working.

Terminal / Connector Type



Crimping Profile



Cable Strippers



Cat. No.	Product	Cable Cross-Section	Terminal Insertion	Qty.
562 114	STRIPPER 16	0,03-16 mm²	Front	1

• Striping and cutting of stranded and solid wires with PVC insulation of 0,03 to 16 mm²
• Self-adjustment for all cross-sections with POWER PLUS feature
• Adjustable stripping length 3 - 21 mm
• Ergonomically designed soft handles with non-slip grip material for comfortable working.

Spare Knife Set - 562127





Cat. No.	Product	Cable Cross-Section	Terminal Insertion	Qty.
562 123	STRIPPER 28 C	Ø4,5 – 29 mm	-	1

• Cable stripping as lane with patented stripping mode
• Maximum performance with less effort
• High strength special steel



Cable Cutting Tools



Cat. No.	Product	Cable Cross-Section	Qty.
562 110	CUTTER 16	0,03 to 70 mm²	1

• For burr-free cutting of standard wire cables
• Wide application range from 0,03 up to 70 mm²
• Blades with serrated edge
• Low hand force
• Soft-grips



Cat. No.	Product	Cable Cross-Section		Qty.
		Solid	Stranded	
562 122	CUTTER 32	max. 25/15 mm AL/CU diameter	max. 32 mm diameter or 300 mm²	1

• High tempered special steel
• Locking lever
• Step-wise and burr-free cutting
• Unlocking possibility in every position
• Hand tool model
• Ergonomically designed soft handles with non-slip grip material for comfortable working.

Hand Tool Set

Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Qty.
562 128	STRIP & CRIMP SET 1				1
562 114	STRIPPER 16	0,03-16 mm²	-	Front	1
562 124	CRIMPER N 16 H	0,08-16 mm²	Linear	Side	1

CRIMPER N 16 H - 562124



STRIPPER 16 - 562114

Hand Tools

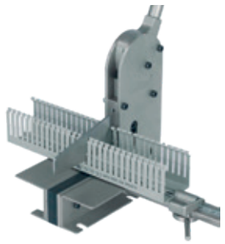
Wiring Duct Cutting Tool



Cat. No.	Product	Qty.
553 230	KKMR	1

- Burr-free cutting of wiring ducts and wiring duct covers
- Straight or 45° cutting options
- Equal force distribution across blades helps homogenous cutting
- Cutting up to 100 mm width

Wiring Duct Cutting Tool



Cat. No.	Product	Cutting Type	Max. Width	Length Adjustment	Qty.
553 220	KMK 1002	Straight	125 mm	100 cm	1

- Cover cutting
- Burr-free cutting
- Non-blunting knife
- Length adjustment guide
- Cutting up to 125 mmwid

Rail Cutting Tool



Cat. No.	Product	Cutting Thickness	Cutting Capacity	Length Adjustment	Qty.
500 650	KRKM	1,5 mm	7.5x35 mm 15x35 mm Tij Ø8mm	100 cm	1

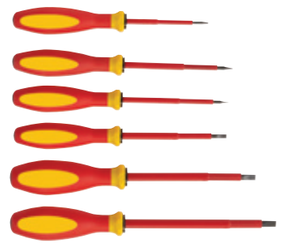
- 3 different cutting slots
- Clean Cut
- Lossless cutting
- Non-blunting knife
- Length adjustment guide

Non - Isolated Screwdrivers



Cat. No.	Product	Description	Qty.
560 010	KT1	2,5x75 - Flat	1
560 020	KT2	3,0x100 - Flat	1
560 030	KT3	3,5x100 - Flat	1
560 040	KT4	4,0x125 - Flat	1
560 050	KT5	5,5x150 - Flat	1
560 060	KT6	6,5x200 - Flat	1

Isolated Screwdrivers



Cat. No.	Product	Description	Qty.
561 010	IKT1	2,5x75 - Flat	1
561 020	IKT2	3,0x100 - Flat	1
561 030	IKT3	3,5x100 - Flat	1
561 040	IKT4	4,0x125 - Flat	1
561 050	IKT5	5,5x150 - Flat	1
561 060	IKT6	6,5x200 - Flat	1

Main Tester



Cat. No.	Product	Description	Qty.
561 110	KK1	140 mm	1
561 120	KK2	180 mm	1

CE Sign

The letters CE stand for Comformite Europeene. CE sign confirms that a product meets the demands of all relevant guidelines and regulations of the European Union (EU), and declares a product is appropriate for human security and health. The products of Klemsan are subject to below directives:

1- Low Voltage Directive (LVD) - 73/23 EEC
This directive includes electrical devices which function in the range of 50-1000 V (alternative current) and 75-1500 V (direct current).

2- Equipment for use in potentially Explosive Atmospheres (ATEX) - 94/9 EEC. ATEX is the name commonly given to the framework for controlling explosive atmospheres and the standards of equipment and protective systems used in them.

RoHS

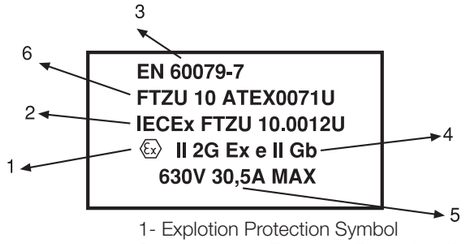
The RoHS Directive stands for "Restriction of the use of certain Hazardous Substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. The permitted ratios are below:

Cd - Cadmium - %0,01 ppm
Hg - Mercury - %0,1 ppm
Cr(VI) - Hexavalent chromium (coating) - %0,1 ppm
PBB - Polybrominated biphenyl (flame retardant) - %0,1 ppm
PBDE - Polybrominated diphenyl ether (flame retardant) - %0,1 ppm
Pb - Lead - %0,1 ppm
ppm: parts per million (in total weight)
Klemsan has developed some processes and components in accordance with RoHS Directives in 2006, and had its products tested in the approved laboratories, and achieved RoHS Conformity Approvals.

Pollution Severities

Pollution SeveATEX Directives regulating the “94/9/EC - use of equipment in potentially explosive atmospheres was put into force on December 1st 2003 by the European Union. By this directive, rated values for normal operating conditions have been revised for potentially explosive areas.

Below figure illustrates and verbalizes the meaning of the labels ATEX certificated products:



1- Explotion Protection Symbol
2- International Explosive Protection Certificate Number
3- Standard Referance Number
4- a-Equipment Group II
b-Product Category 2 - for usage in zone 1 and/ or 2
c-Approval for applications in gas (G) environment
d- "e" class for having increased safety category
5- Rated voltage and current values
6- Notified body name

EQUIPMENT GROUP
1- Mines
2- Other industry branches

CLASSIFICATION OF POTENTIALLY EXPLOSIVE AREAS

ZONE 0: Places where the potential for explosion is high and duration is long under normal operating conditions
ZONE 1: Places where the potential for explosion is low and duration is short under normal operating conditions
ZONE 2: Places where there is no potential for explosion under normal operating conditions or low potential for explosion with short duration under defect, repair and maintenance situations.

“e” CLASS INCREASED SAFETY
This is an application where the precautions are taken although there is no arc occurring under normal operating conditions. Security of the device is increased one step further. This application is used in environments with no danger of high temperature under normal operations e.g. in terminal block Boxes, cable connections. Such products do not need to be pressure resistant; it is sufficient to get their IP degree up to a level that assures water and humidity resistance.

Reach Directive

As the name implies, the 2006/1907/EC REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) directive, adopted by the European Union on 1 June 2007, obliges companies that produce, import or use chemical substances to register these substances and their uses and determine any related dangers and risks if required.



European Chemical Agency (ECHA) will publish the lists of SVHC (Substances of very high concern)

As of 01 December 2011, companies exporting goods into the EU must give a declaration to ECHA about their usage of SCVH as to whether the goods contain these materials in more than %0.1 SVHC as concentration/weight and more than 1 ton/year SVHC.

The European Union, by these directives, aims to record all the chemicals used in the industry and investigating these chemicals as to whether they have any hazardous effect on human health and environment, it can restrict or prohibit the usage of some chemicals in the industry.

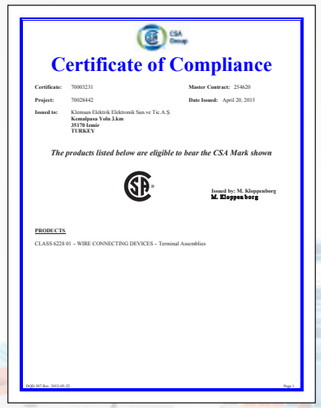
Important Notice

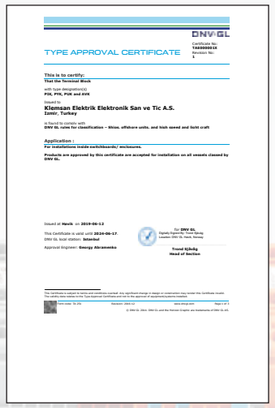
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- All terminal blocks within the scope of this product catalog are compatible with the Rules for the classification and construction of sea going ships, the Technical Regulation Concerning the safety of Sea Transport Items (TR-620)

ISO 50001- ISO 9001 - ISO 14001





















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