

Leader at Home
Ambitions Worldwide



Product Catalog - 2014

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Practical Assembly with Trunkie

Klemsan offers a wide range of slotted wiring ducts with its high quality and user friendly accessories. Meet with Klemsan Trunkie for your different installation applications with a practical wiring assembly.

Product Characteristics

- Operating temperature range $-15^{\circ}\text{C} + 60^{\circ}\text{C}$
- Standard length 2 meters
- Standard color RAL 7030 grey
- In compliance with ROHS directive
- In compliance with EN 50085-2-3 standards
- Certificates: VDE, cULus, CE and GOST-R



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304 120
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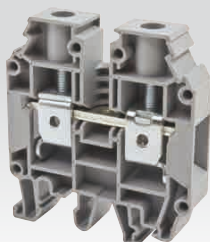
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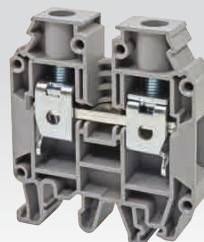
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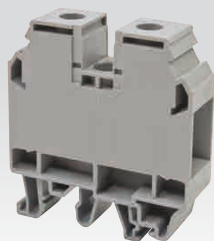
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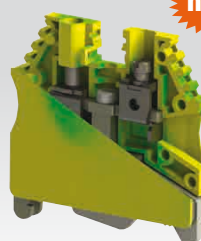


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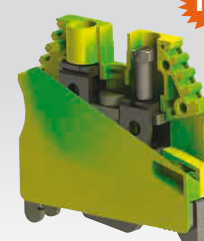


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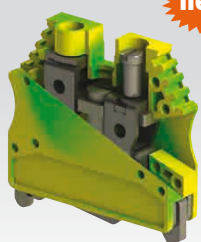
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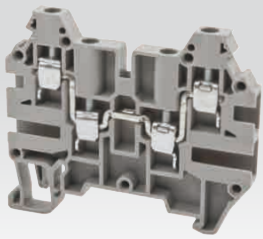
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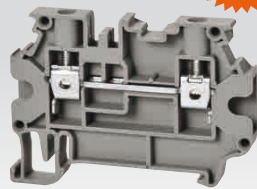
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AVK 4 RD
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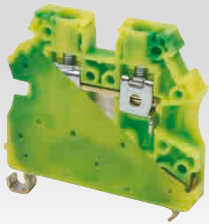


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AVK RD Series Earth Terminals

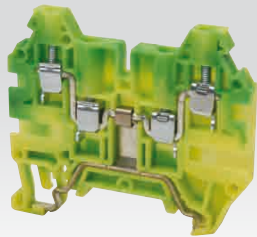


AVK 2,5 T RD
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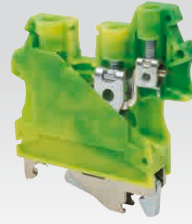


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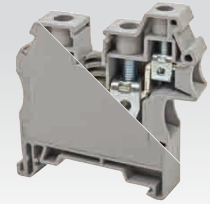
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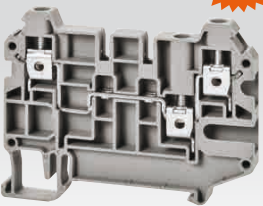
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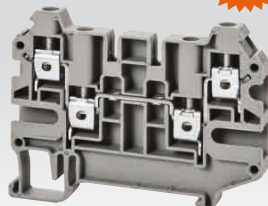


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MVK Series Mini Terminals



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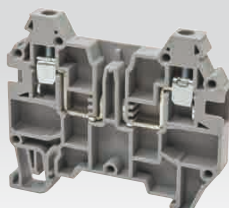


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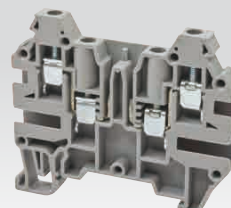


MVK 4 T
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AVK Series Functional Terminals



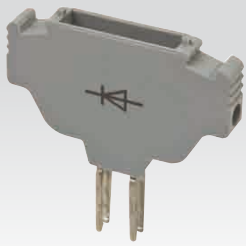
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PB - CPB Series Ring Type Plug in Terminals



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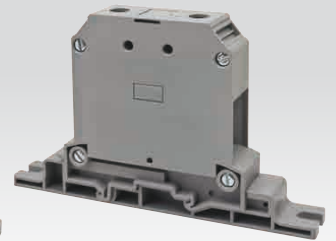


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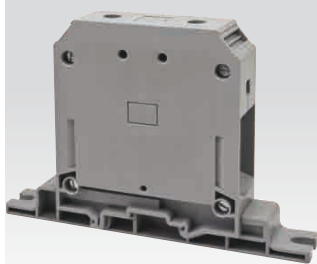
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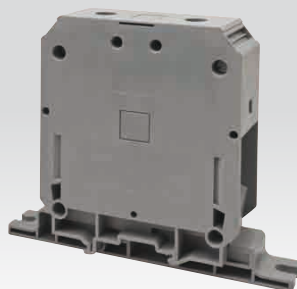
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AVK Series Bolt Connection Terminals



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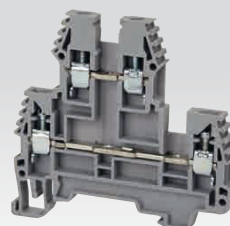


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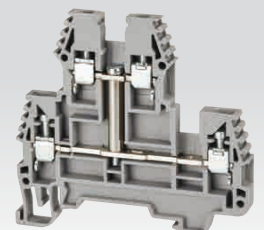


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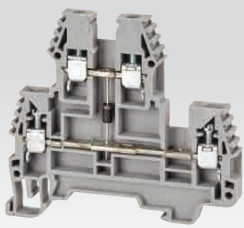
Screw Type Double-deck Terminals



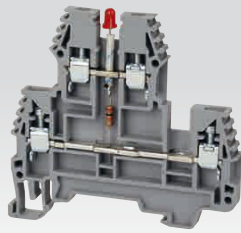
PIK 2,5 N
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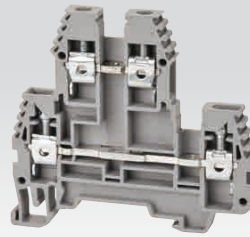
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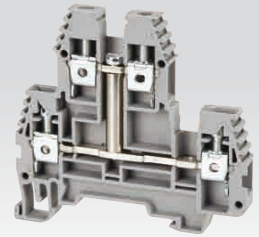
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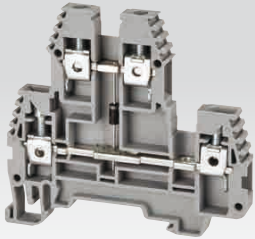
PIK 2,5 NLD
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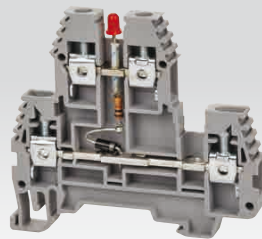
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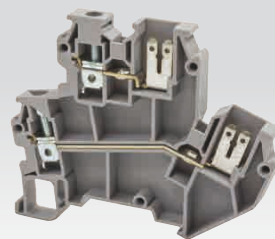
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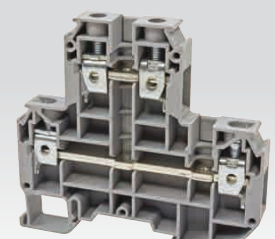
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PIK 4 NLD
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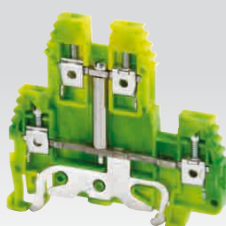
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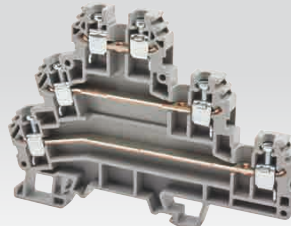
PIK 10 N
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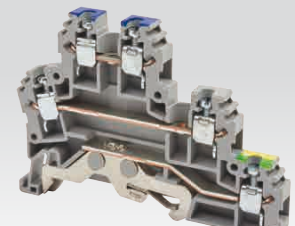
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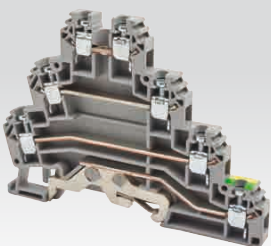
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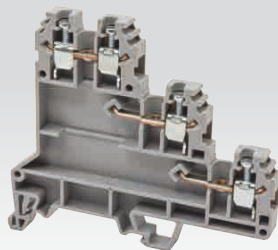
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Screw Type Double Deck Earth Terminals

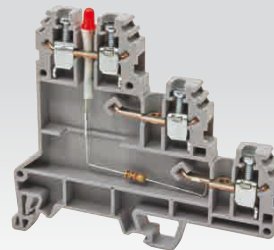
Screw Type Multilevel Terminals



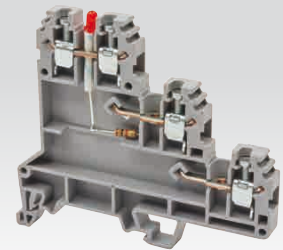
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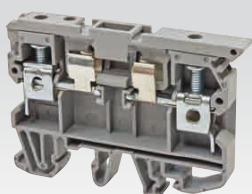


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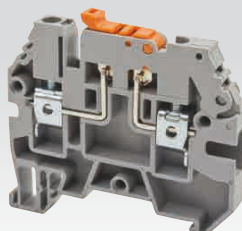


PUK 3 SLD (PNP)
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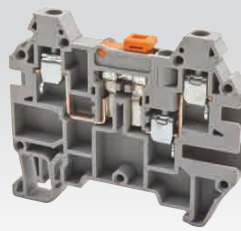
Screw Type Sensor Terminals



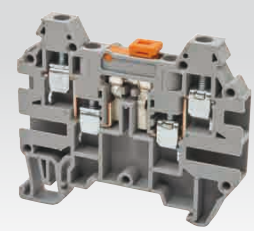
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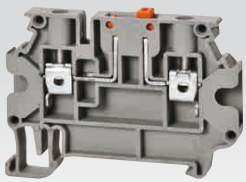
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AVK 2,5 CCA
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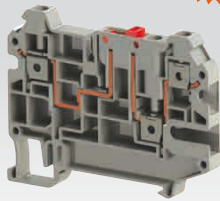
Screw Type Disconnect Terminals

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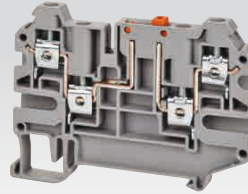
AVK 4 A
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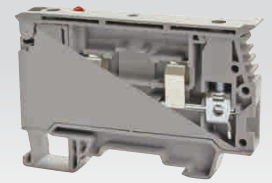


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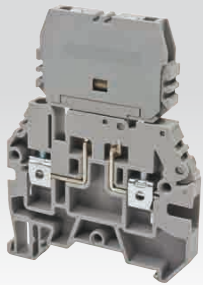
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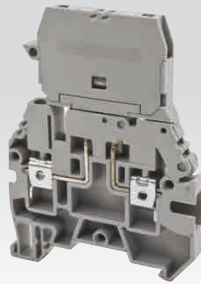
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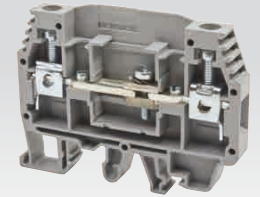
ASK 3 MB
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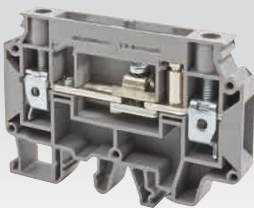


ASK 5 B
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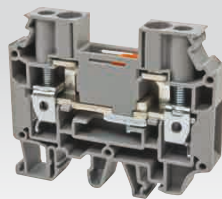
Test and Disconnect Terminals



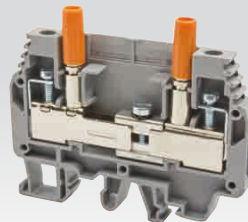
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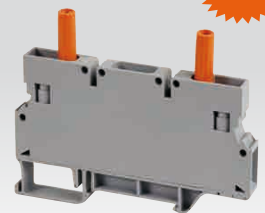


WGO 2 IR
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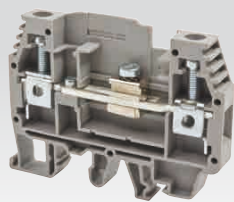


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new

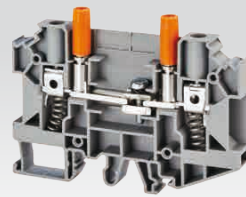


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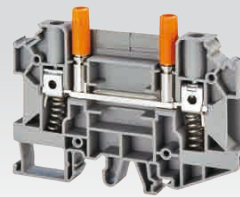


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WGO Y Series Test and Disconnect Terminals

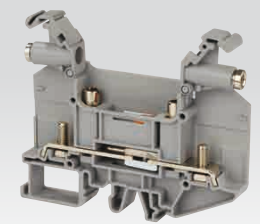


WGO Y6
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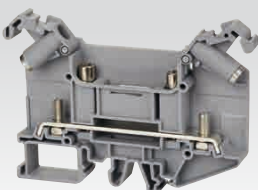
WGO YD 6
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WGO PB Serisi Ölçme - Ayırma Klemensleri



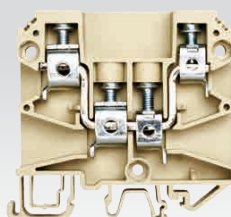
WGO PB 6
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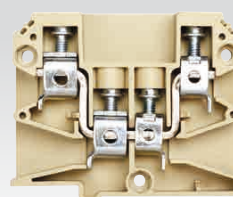


WGO PBD 6
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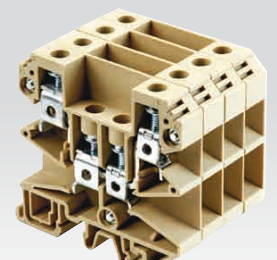
Distribution Terminals



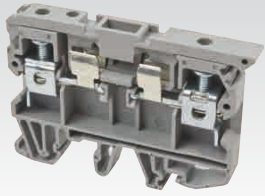
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395 100
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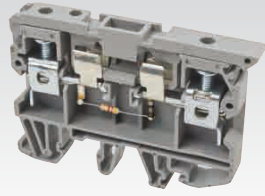
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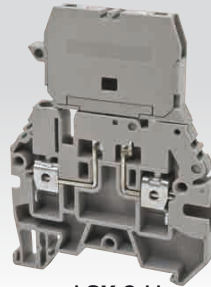
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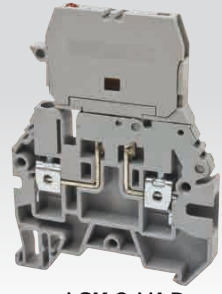
ASK 2 S
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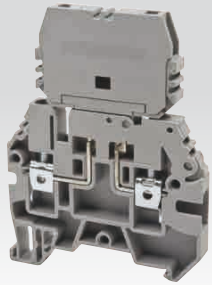
ASK 2 SLD
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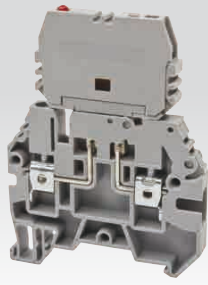
ASK 3 M
355 109
Page: 83



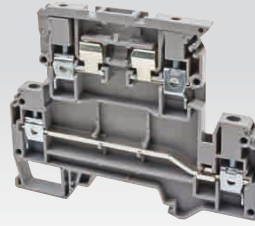
ASK 3 MLD
... ..9
Page: 83



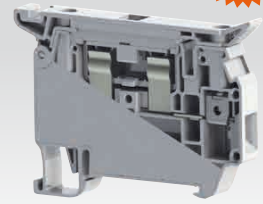
ASK 3 F
354 109
Page: 84



ASK 3 FLD
... ..9
Page: 84



AVK 4 FS
353 309
Page: 85



new

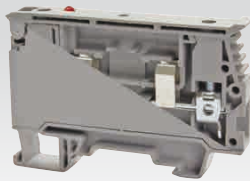
ASK 5
353 409
Page: 85

new

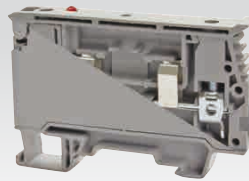


ASK 5 LD
... ..9
Page: 85

Screw Type Fuse Terminals
(American Standards)



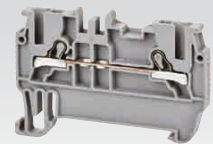
ASK 4 S
351 129
Page: 86



ASK 4 LD
... ..9
Page: 87

PYK Series Terminals

new



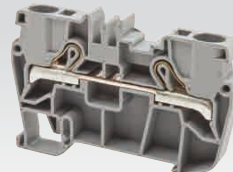
PYK 1,5 M
307 019
Page: 94



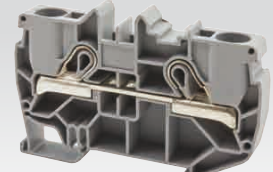
PYK 2,5
307 109
Page: 94



PYK 4
307 119
Page: 95



PYK 6
307 129
Page: 95



PYK 10
307 139
Page: 95

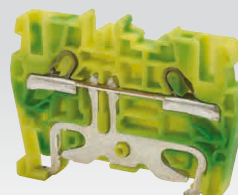
new



PYK 1,5 MT
336 440
Page: 96



PYK 2,5 T
336 500
Page: 96

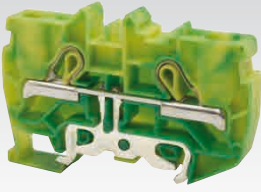


PYK 4 T
336 510
Page: 97

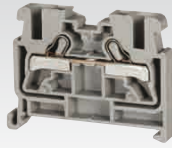


PYK 6 T
336 520
Page: 97

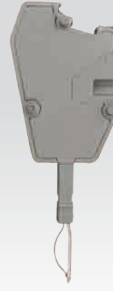
PYKMR Series Mini Terminals



PYK 10 T
336 530
Page: 97



PYKMR 2,5
307 499
Page: 98



PYK Test
498 559
Page: 98



PYK Test A
498 659
Page: 98

PYKM Series Mini Terminals

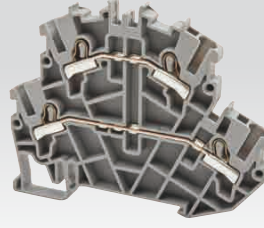


PYKM 2,5
307 399
Page: 99



PYKM 2,5 T
336 430
Page: 99

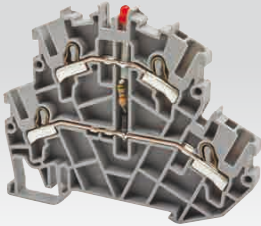
PYK Series Double-Deck Terminals



PYK 2,5-2 F
307 179
Page: 102



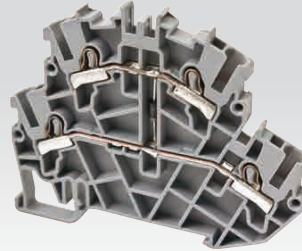
PYK 2,5-2 FK
307 239
Page: 102



PYK 2,5-2 FLD
307 ..9
Page: 103



PYK 2,5-2 FD A
307 369
Page: 103

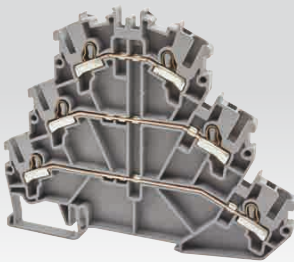


PYK 2,5-2 FD B
307 379
Page: 103

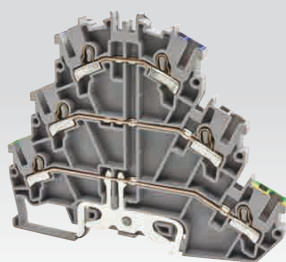
PYK Series Double-Deck & Multilevel Terminals



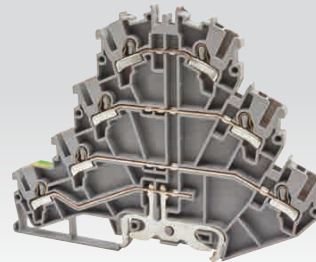
PYK 4 - 2FN
307 579
Page: 104



PYK 2,5-3 F
307 199
Page: 104

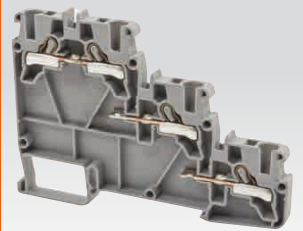


PYK 2,5-2 FT
307 189
Page: 105

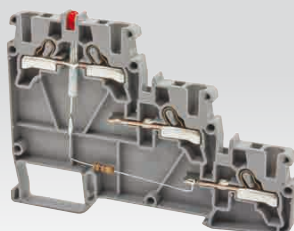


PYK 2,5-3 FT
307 209
Page: 105

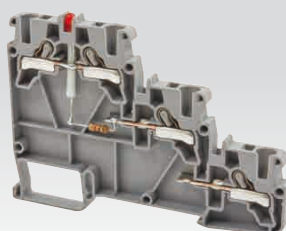
PYK Series Sensor Terminals



PYK 3 S
307 409
Page: 108

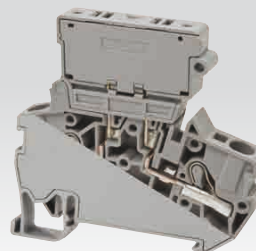


PYK 3 S (NPN)
307 419
Page: 108

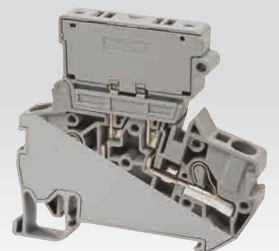


PYK 3 S (PNP)
307 429
Page: 109

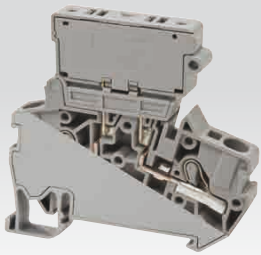
PYK Series Fuse and Disconnect Terminals



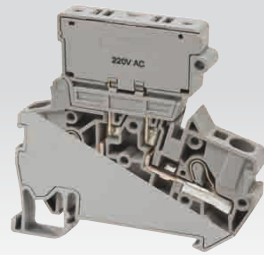
PYK 4 S
307 249
Page: 110



PYK 4 SLD
307 ...9
Page: 110

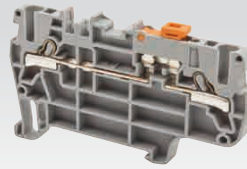


PYK 4 I
307 319
Page: 111

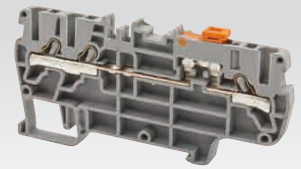


PYK 4 ILD
307...9
Page: 111

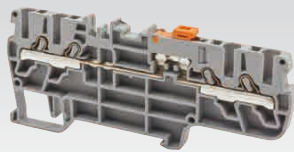
PYK Series Disconnect Terminals



PYK 2,5 A
307 169
Page: 112

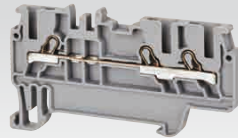


PYK 2,5 EA
307 459
Page: 112



PYK 2,5 CCA
307 219
Page: 113

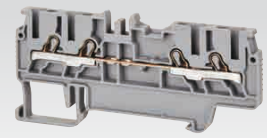
PYK Series Disconnect Terminals



PYK 1,5 ME
307 039
Page: 116



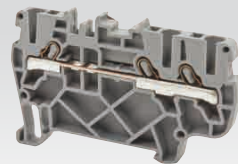
PYK 1,5 MET
336 460
Page: 116



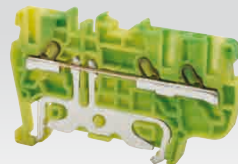
PYK 1,5 MC
307 029
Page: 117



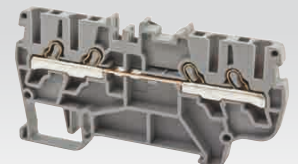
PYK 1,5 MCT
336 450
Page: 117



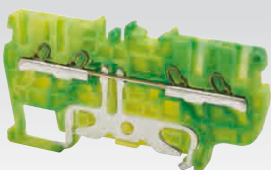
PYK 2,5 E
307 439
Page: 118



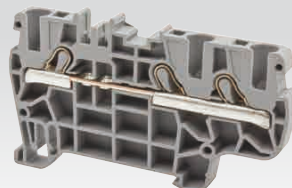
PYK 2,5 ET
336 550
Page: 118



PYK 2,5 C
307 389
Page: 119



PYK 2,5 CT
336 540
Page: 119

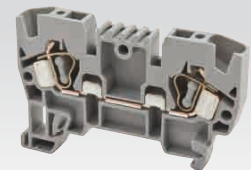


PYK 4 E
307 229
Page: 119

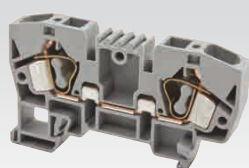
YBK Series Terminals



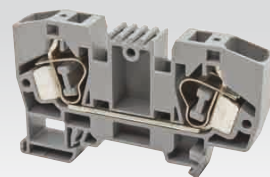
YBK 2,5
306 229
Page: 122



YBK 4
336 239
Page: 122

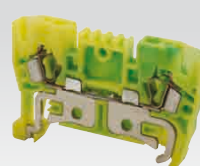


YBK 6
306 249
Page: 123

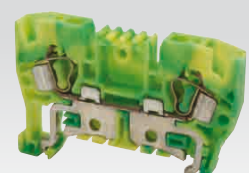


YBK 10
306 259
Page: 123

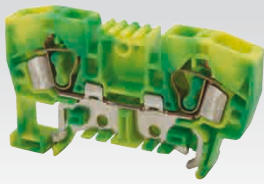
YBK Series Earth Terminals



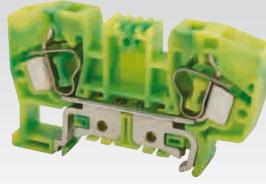
YBK 2,5 T
336 220
Page: 124



YBK 4 T
336 230
Page: 124

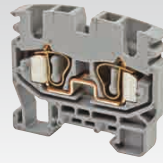


YBK 6 T
336 240
Page: 125



YBK 10 T
336 250
Page: 125

MYK Series Mini Terminals



MYK 2,5
306 429
Page: 126



MYK 2,5 T
336 420
Page: 126

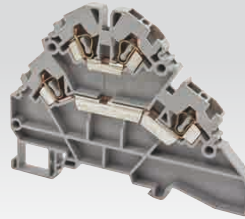
YBK Series Double-Deck Terminals



MYPK 2,5
306 439
Page: 127



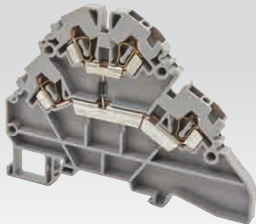
MYSK 2,5
306 449
Page: 127



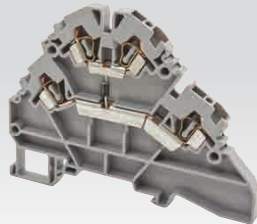
YBK 2,5-2 F
316 109
Page: 130



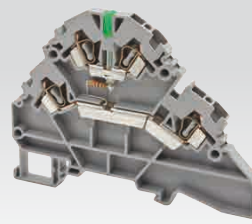
YBK 2,5-2 FK
316 129
Page: 130



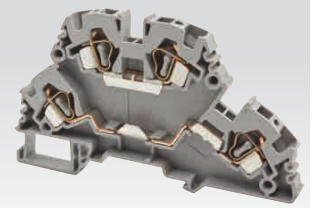
YBK 2,5-2 FD A
316 219
Page: 131



YBK 2,5-2 FD B
316 229
Page: 131



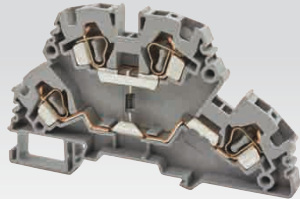
YBK 2,5-2 FLD
316 ..9
Page: 131



YBK 4-2 F
318 109
Page: 132



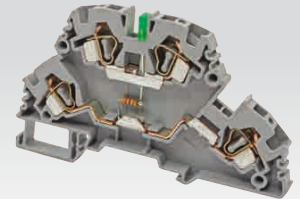
YBK 4-2 FK
318 129
Page: 132



YBK 4-2 FD A
318 219
Page: 133



YBK 4-2 FD B
318 229
Page: 133

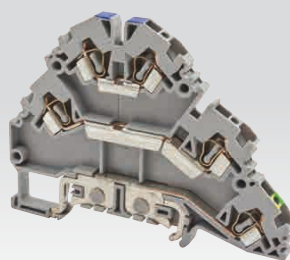


YBK 4-2 FLD
318 ..9
Page: 133

YBK Series Multilevel Terminals



YBK 2,5-3 F
324 509
Page: 134



YBK 2,5-2 FT
324 809
Page: 134



YBK 2,5-3 FT
324 609
Page: 135



YBK 2,5-3 FLD (PNP)
324 749
Page: 135

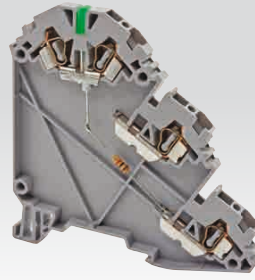


YBK 2,5-3 FLD (NPN)
324 739
Page: 135

YBK Series Sensor Terminals



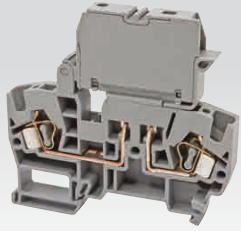
YBK 3 S
324 709
Page: 138



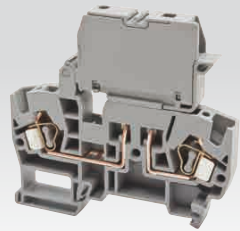
YBK 3 SLD (NPN)
324 719
Page: 138



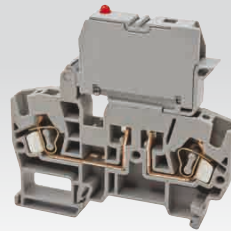
YBK 3 SLD (PNP)
324 729
Page: 139



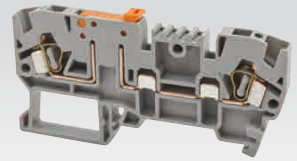
YBK S
355 119
Page: 140



YBK SB
363 109
Page: 140

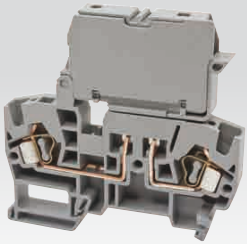


YBK SLD
... ..9
Page: 141

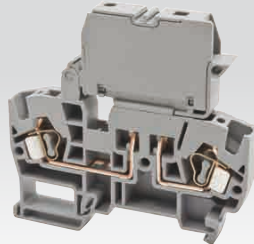


YBK 2,5 A
353 209
Page: 141

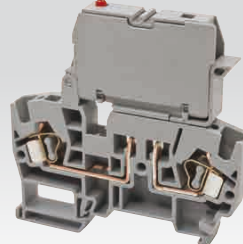
YBK Series Fuse and Disconnect Terminals



YBK I
355 129
Page: 142

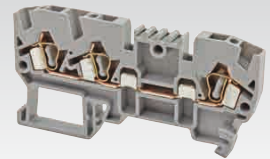


YBK IB
363 209
Page: 142

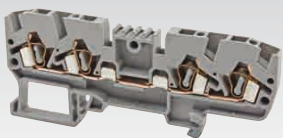


YBK ILD
... ..9
Page: 143

YBK Series Multi input/output Terminals



YBK 2,5 E
326 059
Page: 146



YBK 2,5 C
326 109
Page: 146



YBK 2,5 CX2
326 209
Page: 147

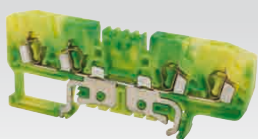
YBK Series Multi input/output Earth Terminals



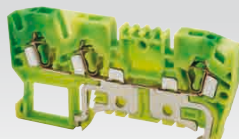
YBK 2,5 CD
326 219
Page: 148



YBK 2,5 CLD
326 ..9
Page: 148

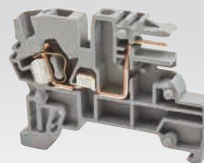


YBK 2,5 CT
336 100
Page: 149



YBK 2,5 ET
336 110
Page: 149

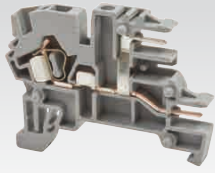
PCY Series Terminals



PCY 2,5
364 019
Page: 152



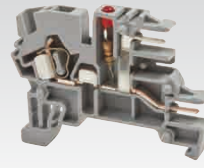
PCY 2,5 N
364 080
Page: 152



PCY 2,5 E
364 059
Page: 153



PCY 2,5 L
...9
Page: 153



PCY 2,5 EL
...9
Page: 153

Transformer Terminals



TRV 4
422 017
Page: 154



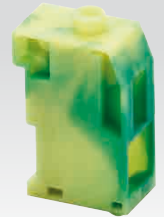
TRV 4 B
422 057
Page: 154



TRV 4 M
422 047
Page: 155



TRV 4 S
422 027
Page: 155



TRV 4 T
422 060
Page: 155



TRV 10
422 037
Page: 155

Short Circuit Current Ratings

What is Short Circuit Current Rating ?

Short-circuit current rating (SCCR) is the maximum short-circuit current a component or assembly can safely withstand when protected by a specific overcurrent protective devices or for a specified time.

Why is Short Circuit Current Rating Important?

Short-circuit current ratings provide the level of fault current that a component or piece of equipment can safely withstand (based on a fire and shock hazard external to the enclosure). Without knowing the available fault current and short-circuit current rating, it is impossible to determine if components or equipment can be safely installed.

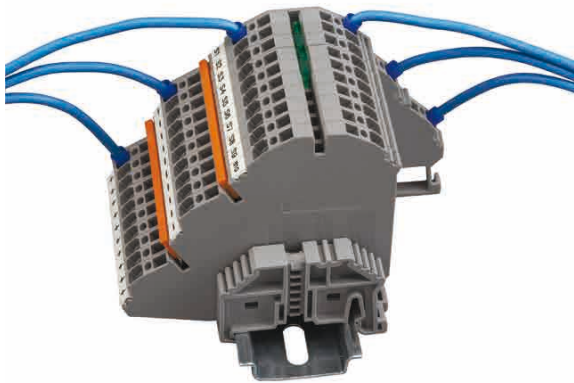
Cat. No.	Suitable Conductors Kcmil/AWG		Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR, RMS Sym, kA	Volts Max.
	Line	Load	J	T	RK1	RK5	G	CC		
PUK 3, PUK 3T	12-24	12-24	30	30	-	-	30	30	100	600
PIK 4N	10-26	10-26	30	30	-	-	30	30	100	600
PIK 2,5N	12-26	12-26	20	20	-	-	20	20	100	600
AVK 2.5	12-26	12-26	20	20	-	-	20	20	100	600
AVK 4	10-26	10-26	30	30	-	-	30	30	100	600
AVK 6	8-26	8-26	50	50	30	-	45	30	100	600
AVK 10	6-16	6-16	80	80	60	30	60	30	100	600
AVK 16RD	4-12	4-12	80	80	60	30	60	30	100	600
AVK 35RD	2-12	2-12	125	125	100	30	60	30	100	600
AVK 50	1/0-6	1/0-6	150	150	100	30	60	30	100	600
AVK 70	2/0-6	2/0-6	225	225	100	60	60	30	100	600
MVK 2.5	12-26	12-26	30	30	-	-	30	30	100	600
MVK 4	10-24	10-24	30	30	-	-	30	30	100	600

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.

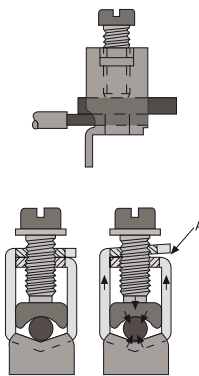


Connection Systems

SCREW CONNECTION

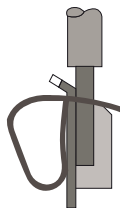
This is the most popular of all known methods of connection. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any special preparation. Klemsan screw clamp system is built in protection against loosening.

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.



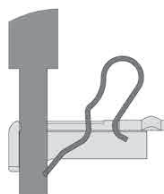
SPRING CLAMP SYSTEM

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 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 Length: 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.

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 mm ²	American AWG/ kcmil	Equivalent Cross-Sectional area mm ²
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

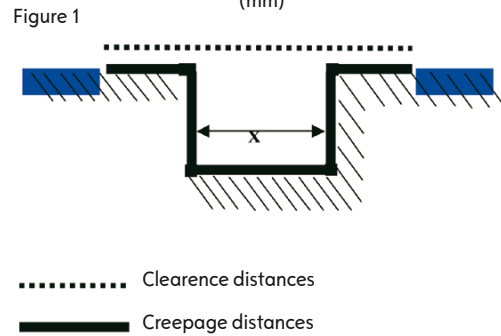
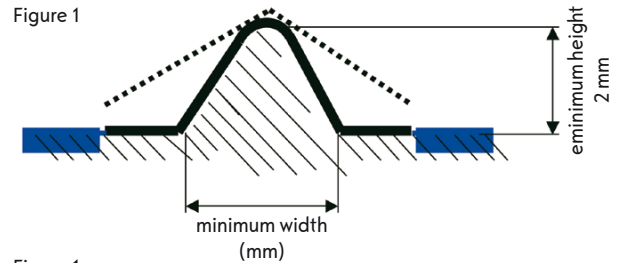
AWG : (American Wire Gauge) American standard of measure
 1 kcmil : 1000 cmils
 1 cmil : (1 circular mil) the area of a circle with a Width of one mil
 1 mil : 1/1000 inch

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



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)		
	I	II	III
Screw Width Values (mm)			
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.

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 $600 \leq CTI$
- Material group II $400 \leq CTI < 600$
- Material group IIIa $175 \leq CTI < 400$
- Material group IIIb $100 \leq CTI < 175$

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	III A	III B
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.

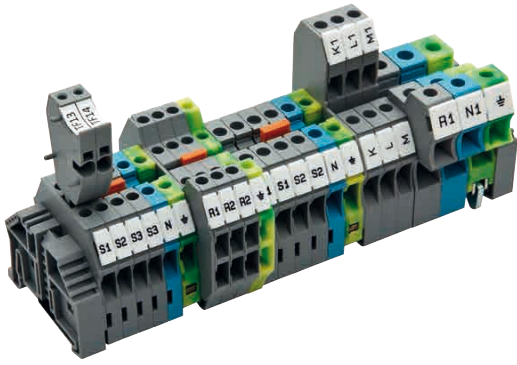
Mounting rails may be used as protective conductor busbars, provided that the values specified in below table for thermal short-time withstand current and thermal rated current are not exceeded.

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.

AVK RD Series Terminals

AVK RD Series Screw Connection Terminals have the same Practical Cross Connections as Spring Clamp Terminals. These cross connections are more practical and time-saving comparing to screw type cross connections. They provide the same stock of cross connections with Spring Clamp Terminals.

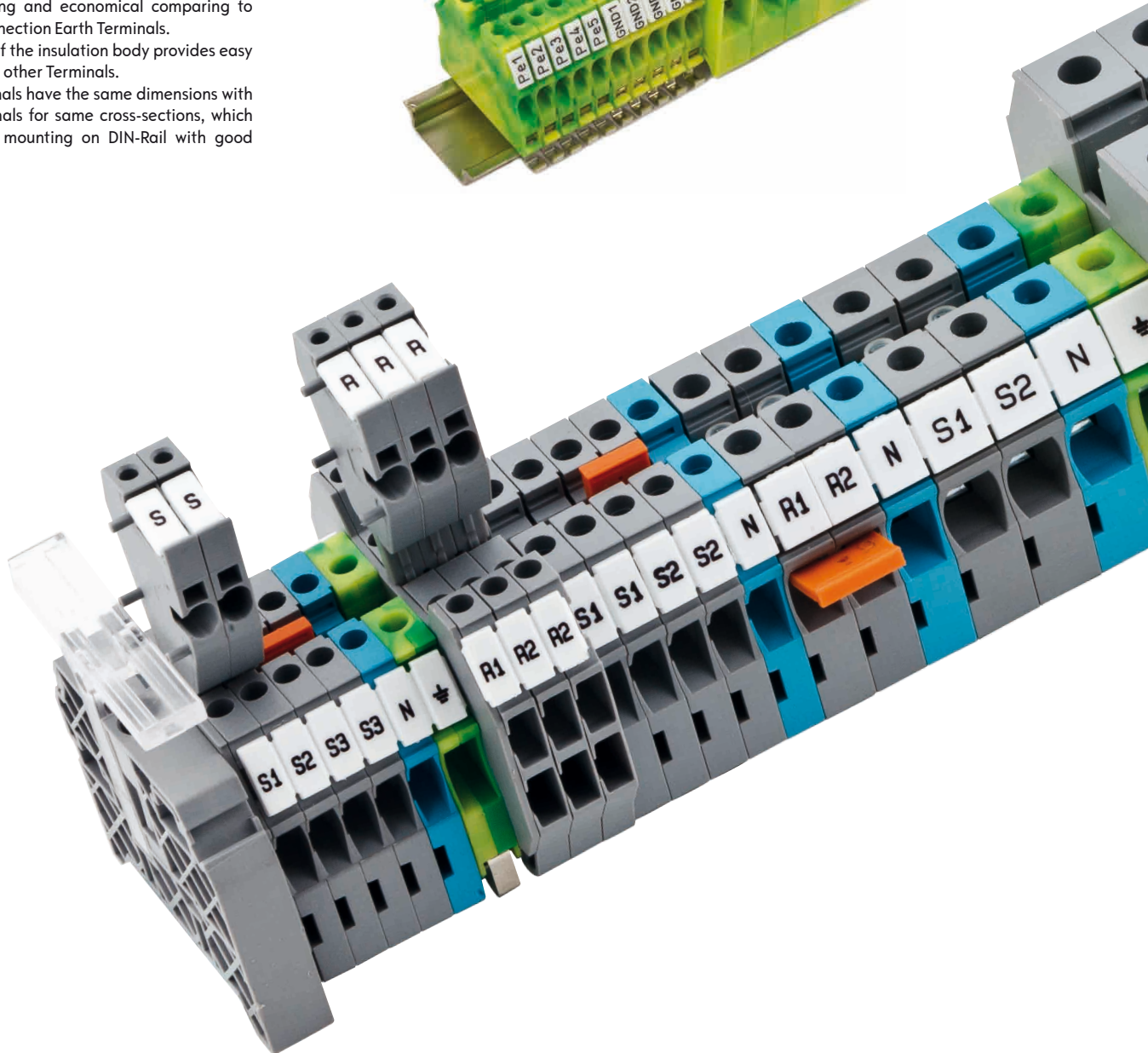
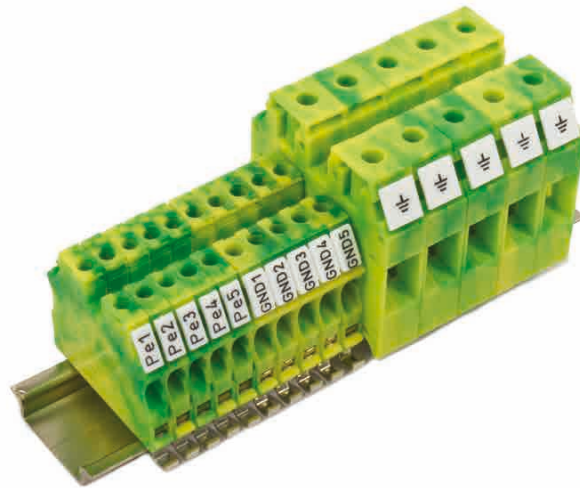


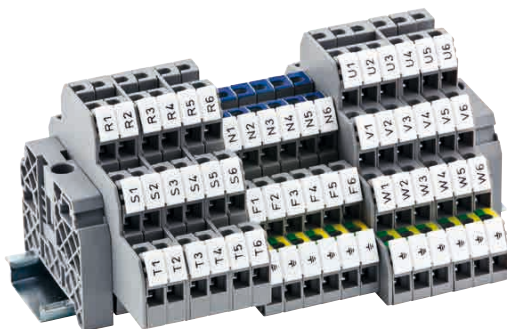
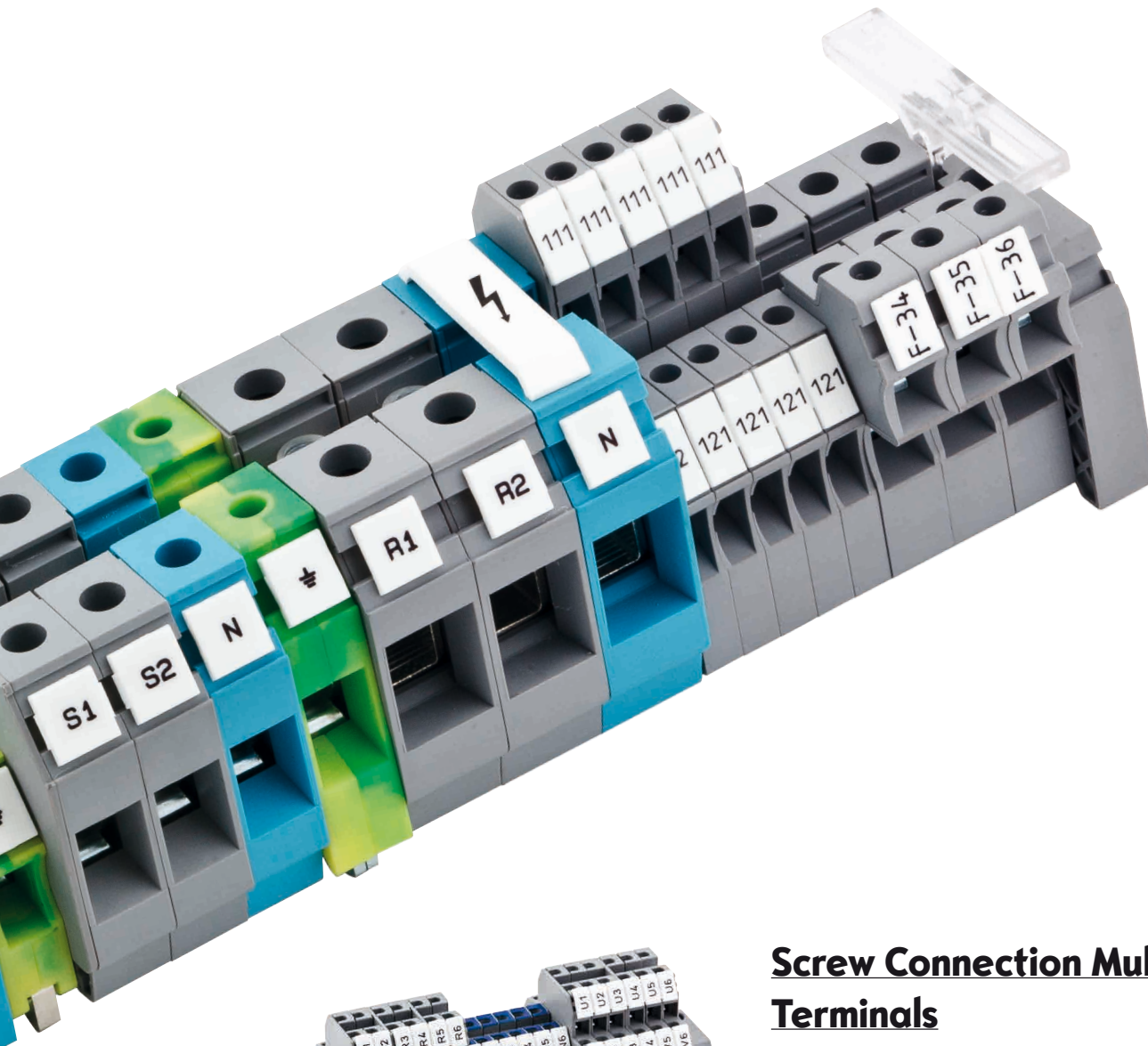
AVK RD Earth Terminals

AVK RD Series Earth Terminals provide more practical, without screw mounting on DIN-Rail. These terminals are more time-saving and economical comparing to Standard Screw Connection Earth Terminals.

Yellow-Green color of the insulation body provides easy identification out of other Terminals.

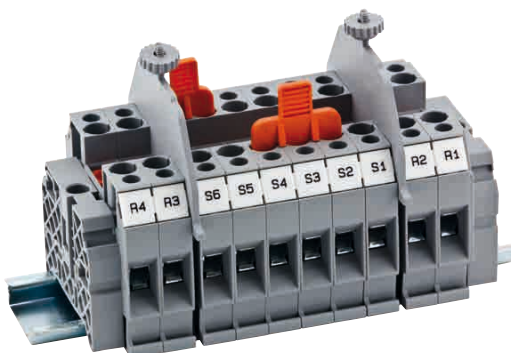
AVK RD Earth Terminals have the same dimensions with feed-through terminals for same cross-sections, which allows side-by-side mounting on DIN-Rail with good visual effect.





Screw Connection Multilevel Terminals

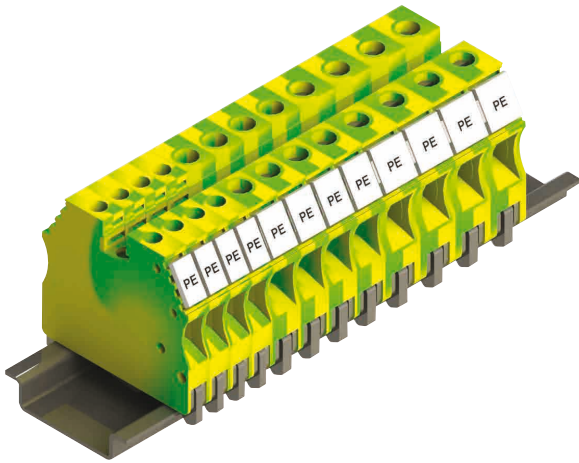
Screw Connection Multilevel terminals provides solutions for different users' needs. They are ideal for limited spaces because of their compact designs. In panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Cross connection can be used on each level.



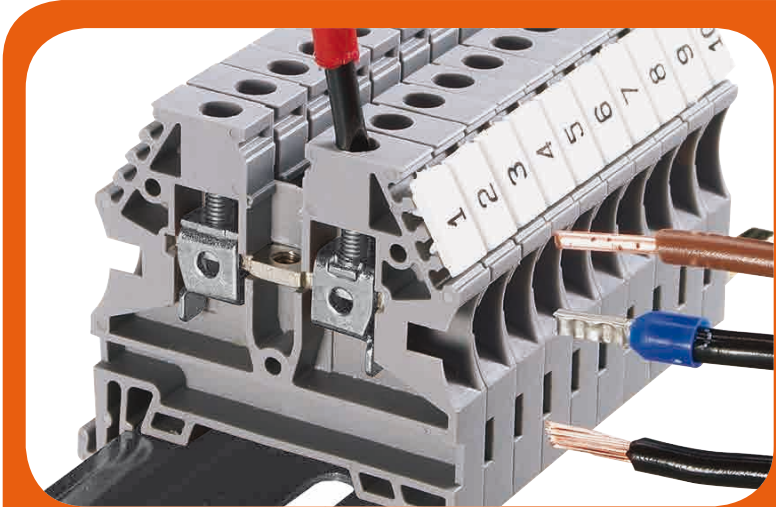
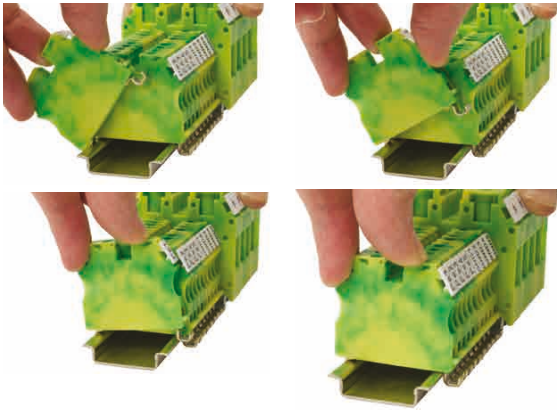
Test / Disconnect Terminals

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 Connector are available. Special Marking solutions for each cross section can be provided by Plotter labeling.

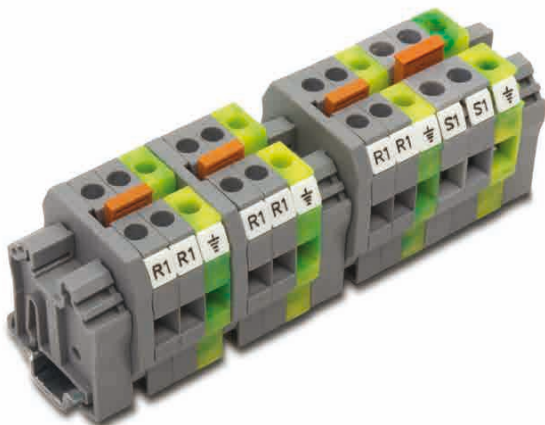
AVK Series Terminals



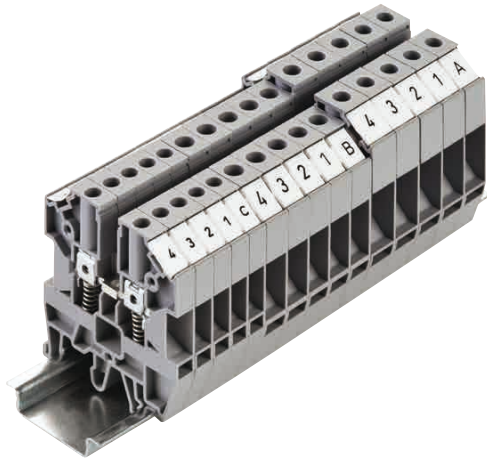
AVK Series Screw Connection Rail Terminals provide the whole range of cross sections from 2,5 up to 240 mm². Terminals accessories like Cross Connection, End Plate, Comb Connector are available. Special Marking solutions for each cross section can be provided by Plotter labeling. The color of products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



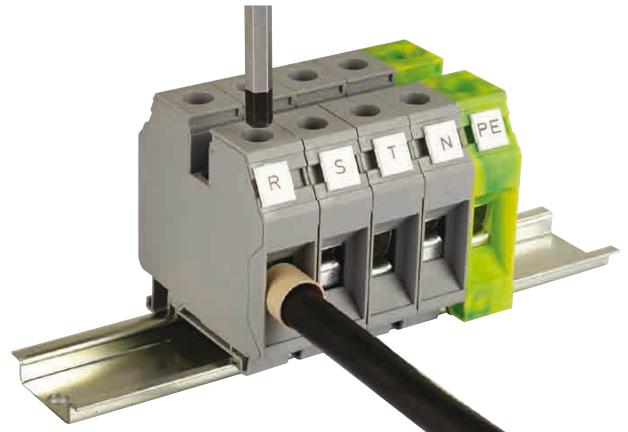
The strict IEC requirement imposed on ground connections, such as low contact resistance, corrosion-free connection points, secured screws are fully observed by the KLEMSAN Earth terminal blocks, which are available with cross sections 2,5 mm² 50 mm². Yellow-Green color of the insulation body provides easy identification out of other Terminals. Good visual effect is provided by side-by-side mounting on DIN-Rail with feed-through terminals for same cross-sections.



MVK Series Mini Screw Connection Terminals provide 2,5 and 4 mm² cable connections and can be mounted on MR 15x5,5 DIN-Rail. Both cross sections have the same dimensions and common end plate that can be used for all the range, according to cross-section, Spring Clamp Cross Connection. Marking solutions can be provided by Plotter labeling. MVK series offer ideal solutions to projects which have narrow and limited space in panels, junction Boxes.

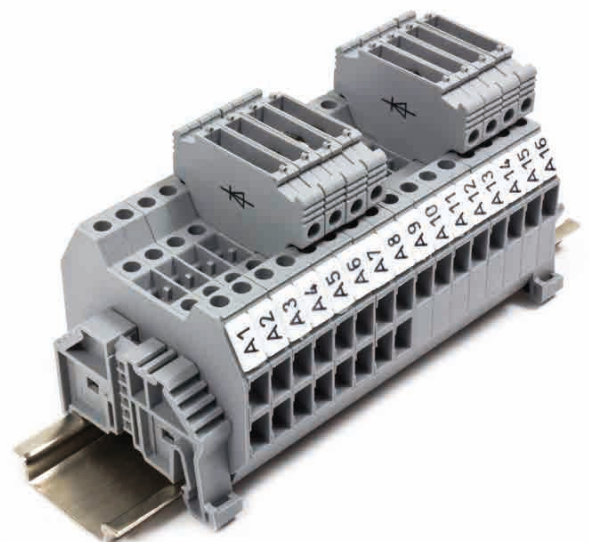
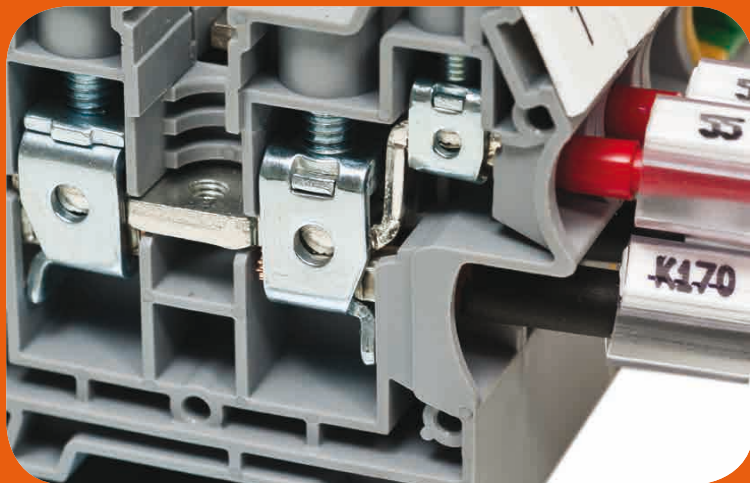


AVK Y Series Spring Loaded Rail Terminals are suitable for vibrational environment and provide safe connection with spring force under the contact of the terminal block. With this feature, they are preferred in railway and sea transport applications. AVK Y Series provide cross sections for 4 - 6 - 10 mm². Cross connection and End plate are available. Special Marking solutions for each cross section can be provided by Plotter labeling and with marking strip printed on Thermal printer, using Klemark Software.

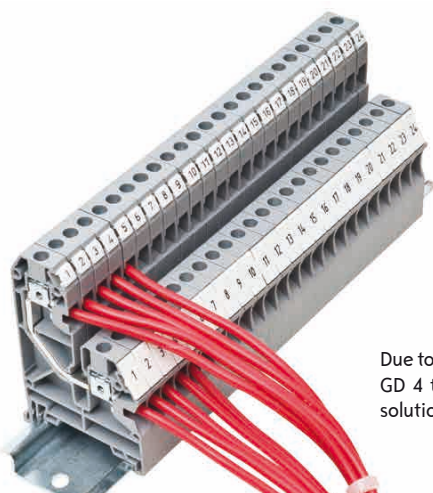


AVK RD Series Screw Connection Rail Terminals provide most widely used range of feed-through Terminals with 2,5 and 4 mm² cross-section. More practical and economical Spring Clamp Cross Connection is used instead of Standard Screw Type Cross Connection.

Terminals accessories such as End Plates and Comb Connectors, make the mounting process faster as in Test Terminals. Special Marking solutions for each cross section can be provided by Plotter Labeling. The color of products can be selected from the color table.



Standard feed-through Terminals can be used like Disconnect Terminals for reverse-current protection just with socket connection. Special Marking solutions for each cross section can be provided by Plotter Labeling.



Due to limited space on the electric panels' inputs and outputs, you can use AVK GD 4 terminal instead of Standard Feed-Through Terminals. Special Marking solutions for each cross section can be provided by Plotter Labeling.

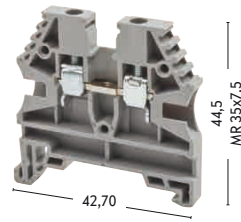
Klemsan®

AVK Series Terminals

AVK 2,5

Width: 5 mm

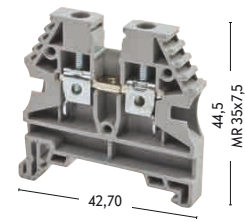
- 304 120
- 304 121
- 304 122
- 304 123
- 304 124
- 304 129

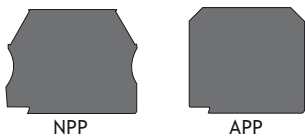



AVK 4

Width: 6 mm

- 304 130
- 304 131
- 304 132
- 304 133
- 304 134
- 304 139

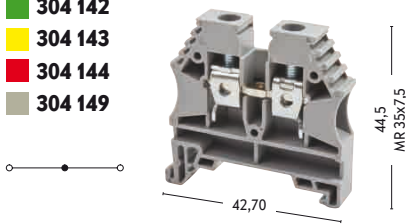


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1)	750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			
VDE / VDE (IEC 60947-7-1)	750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			
UL / CSA	600 V ~ / 20 A / AWG 26 - 12 (CSA: AWG 28 - 12)			600 V ~ / 30 A / AWG 26 - 10 (CSA: AWG 28 - 10)			
ATEX	630 V ~ / 23 A			630 V ~ / 30,5 A			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm / 0,4 - 0,6 Nm (CSA: 0,6 Nm)			10 mm / 0,5 - 0,8 Nm (CSA: 0,8 Nm)			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	AVK 2,5	304 120	100	AVK 4	304 130	100
End Plate - Disconnect Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP 2,5 - 10	444 120	100	NPP 2,5 - 10	444 120	100
	Grey	APP 2,5 - 10	462 120	25	APP 2,5 - 10	462 120	25
							
Cross Connection	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	UK 2,5/2	474 122	25	UK 4/2	474 132	25	
	UK 2,5/3	474 123	20	UK 4/3	474 133	20	
	UK 2,5/4	474 124	15	UK 4/4	474 134	15	
	UK 2,5/10	474 129	5	UK 4/10	474 139	5	
Comb Connector	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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 6 mm ² / 6 mm ² / 41 A			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B4			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

AVK 6

Width: 8 mm

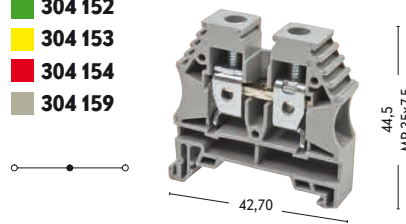
- 304 140**
- 304 141**
- 304 142**
- 304 143**
- 304 144**
- 304 149**



AVK 10

Width: 10 mm

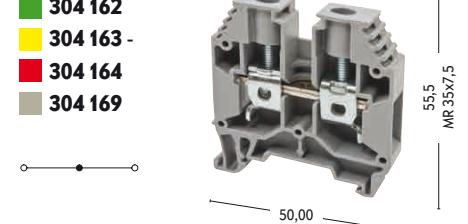
- 304 150**
- 304 151**
- 304 152**
- 304 153**
- 304 154**
- 304 159**



AVK 16

Width: 12 mm

- 304 160**
- 304 161**
- 304 162**
- 304 163 -**
- 304 164**
- 304 169**



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
630 V ~ / 41 A / 6 mm ²			630 V ~ / 57 A / 10 mm ²			750 V ~ / 76 A / 16 mm ²		
630 V ~ / 41 A / 6 mm ²			630 V ~ / 57 A / 10 mm ²			750 V ~ / 76 A / 16 mm ²		
600 V ~ / 50 A / AWG 26 - 8 (CSA: 40 A / AWG 28 - 8)			600 V ~ / 65 A / AWG 16 - 6			600 V ~ / 85 A / AWG 12 - 4		
630 V ~ / 41 A			630 V ~ / 57 A			630 V ~ / 71 A		
0,5 - 10 mm ² / 0,5 - 10 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²			2,5 - 25 mm ² / 4 - 25 mm ²		
26 - 8 / 0,5 - 6 mm ²			16 - 6 / 1,5 - 10 mm ²			12 - 4 / 2,5 - 16 mm ²		
12 mm / 0,8 - 1,2 Nm (CSA: 1,2 Nm)			12 mm / 1,2 - 1,8 Nm (CSA: 1,4 Nm)			14 mm / 1,2 - 2,0 Nm		
IKT 4 (0,8x4)			IKT 4 (0,8x4)			IKT 5 (1,0x5,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 6	304 140	100	AVK 10	304 150	100	AVK 16	304 160	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP 2,5 - 10	444 120	100	NPP 2,5 - 10	444 120	100	NPP 16	444 160	100
APP 2,5 - 10	462 120	25	APP 2,5 - 10	462 120	25	APP 16	462 160	100
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 6/2	474 142	25	UK 10/2	474 152	25	UK 16/2	474 162	25
UK 6/3	474 143	20	UK 10/3	474 153	20	UK 16/3	474 163	20
UK 6/4	474 144	15	UK 10/4	474 154	15	UK 16/4	474 164	15
UK 6/10	474 149	5	UK 10/10	474 159	5	UK 16/10	474 169	5
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TKO 6/2	476 282	25	TKO 10/2	476 292	25			
TKO 6/3	476 283	20	TKO 10/3	476 293	20			
TKO 6/4	476 284	15	TKO 10/4	476 294	15			
TKO 6/10	476 289	5	TKO 10/10	476 299	5			
0,2 - 10 mm ² / 10 mm ² / 57 A			1,5 - 16 mm ² / 16 mm ² / 76 A			2,5 - 25 mm ² / 25 mm ² / 101 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B5			1 / B6			1 / B7		
IP 20 / -			IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

Klemsan®

AVK Series Terminals

AVK 16 RD

Width: 12 mm

- 304 240
- 304 241
- 304 242
- 304 243
- 304 244
- 304 249



58,70
MR 35x7,5

52,80

AVK 25 RD

Width: 12 mm




- 304 290
- 304 291
- 304 292
- 304 293
- 304 294
- 304 299



58,70
MR 35x7,5

52,80



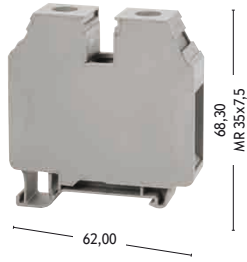
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1 / N 60947-7-2)		750 V ~ / 76 A / 16 mm ²			750 V ~ / 101 A / 25 mm ²			
VDE / VDE (IEC 60947-7-1)		750 V ~ / 76 A / 16 mm ²						
UL / CSA		600 V ~ / 80 A / AWG 12 - 4						
ATEX		630 V ~ / 76 A						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		1,5 - 25 mm ² / 1,5 - 25 mm ²			1,5 - 35 mm ² / 1,5 - 35 mm ²			
AWG Conductor / Fine Strand with Ferrule		12 - 4 / 1,5 - 16 mm ²			12 - 2 / 1,5 - 16 mm ²			
Insulation Stripping Length / Torque		14 mm / 1,2 - 2,0 Nm			14 mm / 2,0 - 3,0 Nm			
Screwdriver		IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			
Ordering Data								
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66		Grey	AVK 16 RD	304 240	50	AVK 25 RD	304 290	50
End Plate - Disconnect Plate								
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66		Grey	NPP / AVK 16 RD	444 170	100	NPP AVK 25 RD	450 250	100
  <p>NPP / AVK 16 RD APP / AVK 16 RD</p>		Grey	APP / AVK 16 RD	462 170	25			
Cross Connection								
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		UK 16/2	474 162	25	UK 16/2	474 162	25	
		UK 16/3	474 163	20	UK 16/3	474 163	20	
		UK 16/4	474 164	15	UK 16/4	474 164	15	
		UK 16/10	474 169	5	UK 16/10	474 169	5	
Technical Data								
• Max.clamping range / Max. technical data		1,5 mm ² / 25 mm ² - 25 mm ² / 101 A			1,5 mm ² / 35 mm ² - 35 mm ² / 125 A			
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B7			1 / B8			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
				See pages 166-177 for usage of Dekafix		See pages 166-177 for usage of Dekafix		

AVK 35 RDS

Width: 16 mm

304 580

304 589

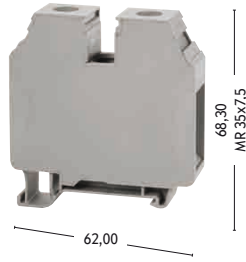


AVK 35 IRDS

Width: 16 mm

304 590

304 599

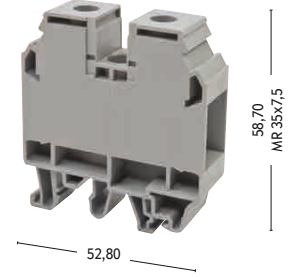


AVK 35 RD

Width: 16 mm

304 250

304 259



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
1000 V ~ / 125 A / 35 mm ²			1000 V ~ / 125 A / 35 mm ²			1000 V ~ / 125 A / 35 mm ²		
6 - 50 mm ² / 6 - 35 mm ²			6 - 50 mm ² / 6 - 35 mm ²			1,5 - 50 mm ² / 1,5 - 35 mm ²		
10 - 2 / 1,5 - 35 mm ²			10 - 2 / 1,5 - 35 mm ²			12 - 2 / 1,5 - 35 mm ²		
18 mm / 4,0 - 6,0 Nm			18 mm / 4,0 - 6,0 Nm			18 mm / 2,5 - 3,5 Nm		
IKT 6 (1,2x6,5)			S 5 (DIN6911)			IKT 6 (1,2x6,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 35 RDS	304 580	50	AVK 35 IRDS	304 590	50	AVK 35 RD	304 250	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 35/2 RDS	480 212	25	UK 35/2 RDS	480 212	25	UK 35/2	474 172	25
UK 35/3 RDS	480 213	20	UK 35/3 RDS	480 213	20	UK 35/3	474 173	20
UK 35/4 RDS	480 214	15	UK 35/4 RDS	480 214	15	UK 35/4	474 174	15
UK 35/10 RDS	480 219	5	UK 35/10 RDS	480 219	5	UK 35/10	474 179	5
6 mm ² - 50 mm ²			6 mm ² - 50 mm ²			1,5 mm ² / 50 mm ² - 50 mm ² / 125 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B9			1 / B9			1 / B9		
IP 20 / -			IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

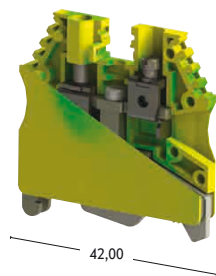
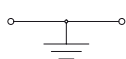
Klemsan®

AVK T Series

Earth Terminals

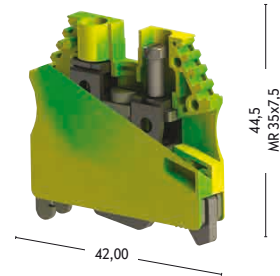
AVK 2,5 / 4 TK

Width: 6 mm
334 450



AVK 6 TK

Width: 8 mm
334 460

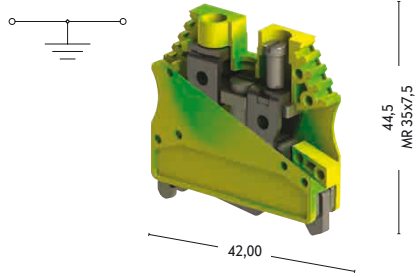


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
TSE / CE (EN 60947-7-2)	- V ~ / - A / 2,5 - 4 mm ²			- V ~ / - A / 6 mm ²		
VDE (IEC 60947-7-1 / IEC 60947-7-2)						
UL / CSA						
ATEX						
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 10 mm ² / 0,5 - 10 mm ²		
AWG Conductor / Fine Strand with Ferrule	20 - 10 / 0,5 - 4 mm ²			26 - 8 / 0,5 - 6 mm ²		
Insulation Stripping Length / Torque	10 mm / 0,5 - 0,8 Nm			12 mm / 0,8 - 1,2 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x4,0)		
Ordering Data	Type	Cat. No.	Qty.			
Yellow - Green	AVK 2,5 / 4 TK	334 450	50	AVK 6 TK	334 460	25
Technical Data						
• Max. clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ²			0,2 - 10 mm ² / 10 mm ²		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B5		
• Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)						
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

AVK 10 TK

Width: 10 mm

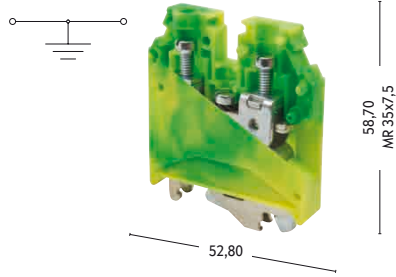
334 470



AVK 16 T RD

Width: 12 mm

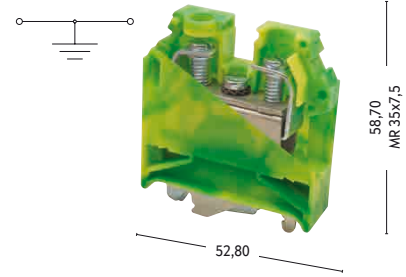
334 200



AVK 35 T RD

Width: 16 mm

334 210



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 10 mm ²			- V ~ / - A / 16 mm ²			- V ~ / - A / 35 mm ²		
			- V ~ / - A / 16 mm ²			- V ~ / - A / 35 mm ²		
			- V ~ / - A / AWG 12 - 4			- V ~ / - A / AWG 12 - 2		
			630 V			630 V		
1,5 - 16 mm ² / 1,5 - 16 mm ²			1,5 - 25 mm ² / 1,5 - 25 mm ²			1,5 - 50 mm ² / 1,5 - 35 mm ²		
16 - 6 / 1,5 - 10 mm ²			12 - 4 / 1,5 - 16 mm ²			12 - 2 / 1,5 - 35 mm ²		
12 mm / 1,2 - 1,8 Nm			14 mm / 1,2 - 2,0 Nm			18 mm / 2,5 - 3,5 Nm		
IKT 4 (0,8x4,0)			IKT 5 (1,0x5,5)			IKT 6 (1,2x6,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 10 TK	334 470	25	AVK 16 T RD	334 200	50	AVK 35 T RD	334 210	50
0,5 - 16 mm ² / 16 mm ²			1,5 - 25 mm ² / -			1,5 - 50 mm ² / -		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B6			1 / B9			1 / B9		
IP 20 / PE			IP 20 / PE			IP 20 / PE		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

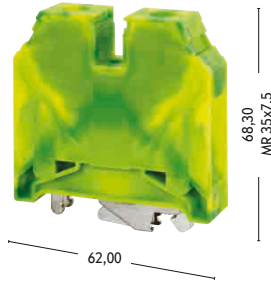
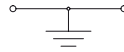
Klemsan®

AVK T Series

Earth Terminals

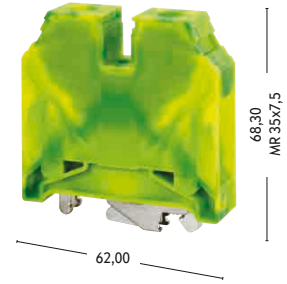
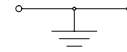
AVK 35 T RDS

Width: 16 mm
334 240



AVK 35 T IRDS

Width: 16 mm
334 250

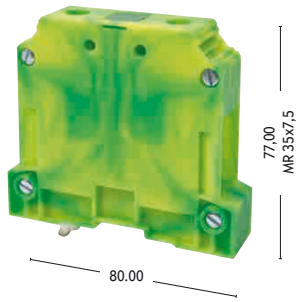
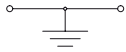


Electrical Ratings	Voltage / Current / Cross-Section		
TSE / CE (EN 60947-7-2)	- V ~ / - A / 35 mm ²		
VDE (IEC 60947-7-1 / IEC 60947-7-2)			
UL / CSA			
ATEX			
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	6 - 50 mm ² / 6 - 35 mm ²		6 - 50 mm ² / 6 - 35 mm ²
AWG Conductor / Fine Strand with Ferrule	10 - 2 / 6 - 35 mm ²		10 - 2 / 6 - 35 mm ²
Insulation Stripping Length / Torque	18 mm / 4,0 - 6,0 Nm		18 mm / 4,0 - 6,0 Nm
Screwdriver	IKT 6 (1,2x6,5)		S5 (DIN 6911)
Ordering Data	Type	Cat. No.	Qty.
Yellow - Green	AVK 35 T RDS	334 240	50
Technical Data			
• Max.clamping range / Max. technical data	6 - 50 mm ² / -		6 - 50 mm ² / -
• Rated Impulse Voltage / Pollution severity	8 kV / 3		8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B9		1 / B9
• Protection class / Protection conductor type	IP 20 / PE		IP 20 / PE
Marking Tags (Dekafix)			
	See pages 166-177 for usage of Dekafix		See pages 166-177 for usage of Dekafix

AVK 50 T

Width: 20 mm

334 190



Voltage / Current / Cross-Section		
- V ~ / - A / 50 mm ²		
- V ~ / - A / AWG 6 - 1/0		
800 V		
16 - 70 mm ² / 25 - 50 mm ²		
6 - 0 / 16 - 50 mm ²		
24 mm / 6 - 10 Nm		
S 5 (DIN 6911)		
Type	Cat. No.	Qty.
AVK 50 T	334 190	10
16 - 70 mm ² / -		
8 kV / 3		
1 / B10		
IP 20 / PE		

See page 181 for usage of Dekafix

Klemsan®

AVK RD Series

Terminals

AVK 2,5 RD

Width: 5 mm

- 304 200
- 304 201
- 304 202
- 304 203
- 304 204
- 304 209



42,70

44,4
MR 35x7,5

AVK 4 RD

Width: 6 mm

- 304 210
- 304 211
- 304 212
- 304 213
- 304 214
- 304 219



42,70

44,4
MR 35x7,5



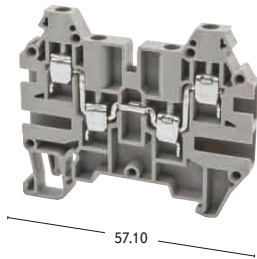
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			
VDE (IEC 60947-7-1)	750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			
UL / CSA	600 V ~ / 20 A / AWG 26 - 12			600 V ~ / 30 A / AWG 26 - 10			
ATEX	630 V ~ / 23 A			630 V ~ / 29 A			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm / 0,4 - 0,6 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	AVK 2,5 RD	304 200	100	AVK 4 RD	304 210	100
End Plate - Disconnect Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP 2,5 - 10	444 120	100	NPP 2,5 - 10	444 120	100
	Grey	APP 2,5 - 10	462 120	25	APP 2,5 - 10	462 120	25
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	
	UK 2,5/50			UK 2,5/50			
Comb Connector	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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 41 A			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B4			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

AVK 2,5 CC

Width: 5 mm

324 909

324 900



50,16
MR 35x7,5

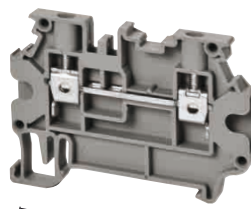
57,10

AVK 4 R

Width: 6 mm

304 390

304 399



45,80
MR 35x7,5

57,50



AVK 4 GD

Width: 6 mm

304 279

304 270



67,60
MR 35x7,5

42,70

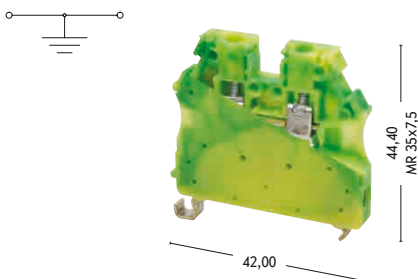
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 24 A / 2,5 mm ²			800 V / 32 A / 4 mm ²			500 V ~ / 24 A / 4 mm ²		
600 V ~ / 20 A / AWG 26 - 12								
630 V ~ / 23 A						500 V ~ / 30 A		
0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 0,4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,4 - 0,6 Nm			10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 2,5 CC	324 909	100	AVK 4 R	304 390	50	AVK 4 GD	304 270	100
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP AVK 2,5 CC	444 139	25	NPP / AV 4R-A		25	NPP AVK 4 GD	444 140	25
			NPP / AV 4R-A	450 339	25			
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 4/2	476 232	25
UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 4/3	476 233	20
UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 4/4	476 234	15
UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 4/10	476 239	5
						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
0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 41 A			0,2 - 6 mm ² / 4 mm ² - 32 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B3			1 / B4			1 / B4		
IP 20 / -			IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

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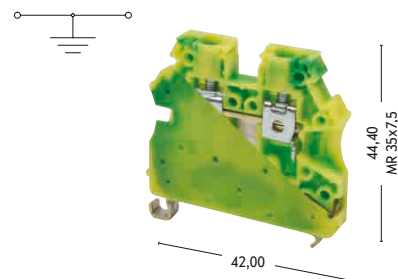
AVK RD Series

Earth Terminals

AVK 2,5 T RD
Width: 5,75 mm
334 170



AVK 4 T RD
Width: 6,20 mm
334 180

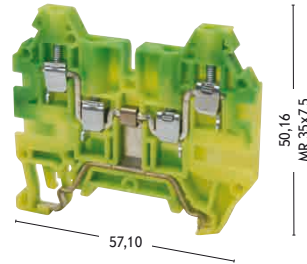
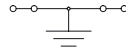


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)	- V / ~ A / 2,5 mm ²			- V / ~ A / 4 mm ²		
VDE (IEC 60947-7-2)	- V / ~ A / 2,5 mm ²			- V / ~ A / 4 mm ²		
UL / CSA	- V / ~ A / AWG 26 - 12			- V / ~ A / AWG 26 - 10		
ATEX	630 V			630 V		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque	10 mm / 0,4 - 0,6 Nm			10 mm / 0,5 - 0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Yellow - Green	AVK 2,5 TRD	334 170	50	AVK 4 T RD	334 180	50
Technical Data						
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / -			0,2 - 6 mm ² / -		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B4		
• Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)						
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

AVK Series Terminals

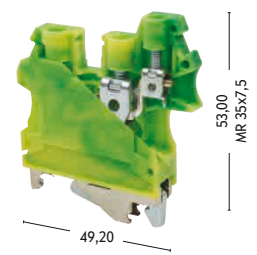
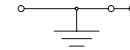
AVK 2,5 CCT

Width: 5 mm
334 220



AVK 10 T RD 4

Width: 10 mm
334 230



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / EN 60947-7-2)	- V / ~ A / 2,5 mm ²			- V / ~ A / 10 - 4 mm ²			
VDE (IEC 60947-7-2)							
UL / CSA	- V / ~ A / AWG 26 - 12						
ATEX	630 V						
Connection Data				Ek Bağlantı			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²	0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			16 - 6 / 0,5 - 10 mm ²	26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque	10 mm / 0,4 - 0,6 Nm			12 mm / 1,2 - 1,8 Nm	8 mm / 0,5 - 0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x0,4)	IKT 3 (0,6x3,5)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Yellow - Green	AVK 2,5 CCT	334 220	25	AVK 10 T RD	334 230	60
End Plate	Type	Cat. No.	Qty.				
Width 1,2 mm - Polyamide 66	Yellow - Green	NPP AVK 2,5 CCT	444 132T	25			
							
		NPP AVK 2,5 CCT					
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / -			1,5 - 16 mm ² / -			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B6 - A4			
• Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

Klemsan®

AVK Series

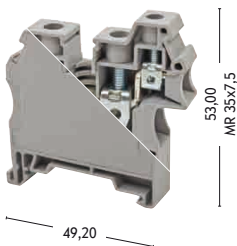
Terminals

AVK 10 RD 4

Width: 10 mm

304 289

304 280



Electrical Ratings		Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		800 V ~ / 57 A / 10 mm ²		
VDE (IEC 60947-7-2)				
UL / CSA				
ATEX				
Connection Data		Ek Bağlantı		
Solid Strand, Screw Con. - Fine Strand, Screw Con.	1,5 - 16 mm ² / 1,5 - 16 mm ²	0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule	16 - 6 / 0,5 - 10 mm ²	26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque	10 - 12 mm / 1,2 - 1,8 Nm	8 mm / 0,5 - 0,8 Nm		
Screwdriver	IKT 4 (0,8x0,4)	IKT 3 (0,6x3,5)		
Ordering Data		Type	Cat. No.	Qty.
	Grey	AVK 10 RD 4	304 289	60
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
Technical Data				
• Max.clamping range / Max. technical data		1,5 - 16 mm ² / 16 mm ² - 76 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 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 166-177 for usage of Dekafix		



Klemsan®

AVK Series

Terminals

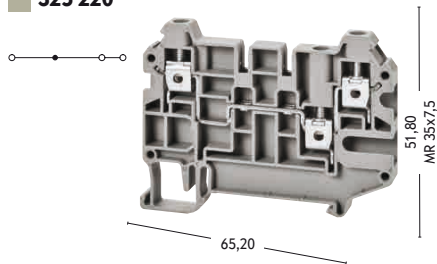
AVK 4 CE

Width: 6 mm

325 229

325 220

new



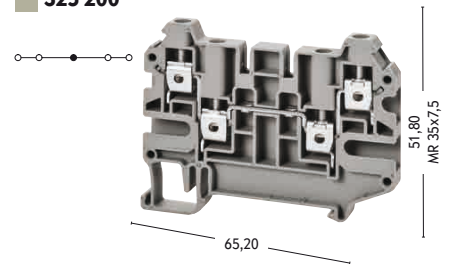
AVK 4 CC



Width: 6 mm

325 209

325 200

new



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / EN 60947-7-2)	500 V / 32 A / 4 mm ²			500 V / 32 A / 4 mm ²			
VDE (IEC 60947-7-2)							
UL / CSA							
ATEX							
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule							
Insulation Stripping Length / Torque	10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Grey	AVK 4 CE	325 229	50	AVK 4 CC	325 209	50
	Beige	AVK 4 CE	325 220	50	AVK 4 CC	325 200	50
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP AVK 4 CC-CCA	450 349	25	NPP AVK 4 CC-CCA	450 349	25
	Beige	NPP AVK 4 CC-CCA	450 340	25	NPP AVK 4 CC-CCA	450 340	25
							
Cross Connection							
	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 4/4	476 234	15	UK 4/4	476 234	15	
	UK 4/10	476 239	5	UK 4/10	476 239	5	
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ²			0,2 - 6 mm ² / 6 mm ²			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B4			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

Klemsan®

AVK Y Series

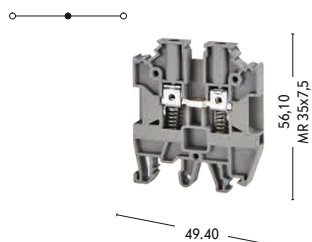
Terminals

AVK Y 4

Width: 6 mm

304 500

304 509

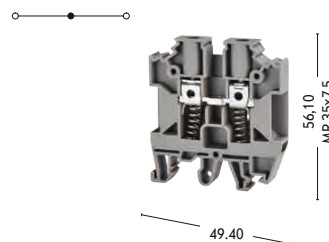


AVK Y 6

Width: 8 mm

304 510

304 519



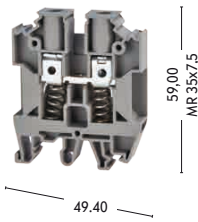
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	800 V / 32 A / 4 mm ²			800 V / 41 A / 6 mm ²			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 0,6 mm ² / 0,5 - 0,6 mm ²			0,5 - 10 mm ² / 0,5 - 10 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0,5 - 4 mm ²			26 - 8 / 0,5 - 6 mm ²			
Insulation Stripping Length / Torque	12 mm / 0,5 - 0,8 Nm			12 mm / 0,8 - 1,2 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x4)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	AVK Y 4	304 500	120	AVK Y 6	304 510	100
	Beige	AVK Y 4	304 509	120	AVK Y 6	304 519	100
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP AVK Y 4 / Y 6	450 300	50	NPP AVK Y 4 / Y 6	450 300	50
	Beige	NPP AVK Y 4 / Y 6	450 309	50	NPP AVK Y 4 / Y 6	450 309	50
Cross Connection							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	UK 4/2	474 132	25	UK 6/2	474 142	25	
	UK 4/3	474 133	20	UK 6/3	474 143	20	
	UK 4/4	474 134	15	UK 6/4	474 144	15	
	UK 4/10	474 139	5	UK 6/10	474 149	5	
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 41 A			0,5 - 10 mm ² / 57 A			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B5			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

AVK Y 10

Width: 10 mm

304 520

304 529



Voltage / Current / Cross-Section		
800 V / 57 A / 10 mm ²		
1,5 - 16 mm ² / 1,5 - 16 mm ²		
16 - 6 / 1,5 - 10 mm ²		
12 mm / 1,2 - 1,8 Nm		
IKT 4 (0,8x4)		
Type	Cat. No.	Qty.
AVK Y 10	304 520	100
AVK Y 10	304 529	100
Type	Cat. No.	Qty.
NPP AVK Y 10	450 260	50
NPP AVK Y 10	450 269	50
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
1,5 - 16 mm ² / 76 A		
8 kV / 3		
1 / B6		
IP 20 / -		
See pages 166-177 for usage of Dekafix		

Klemsan®

MVK Type

Mini Terminals

for MR 15 Rails

MVK 2,5

Width: 5 mm

304 429

304 420

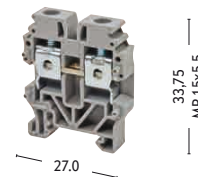
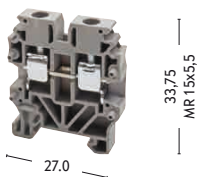


MVK 4

Width: 6 mm

304 439

304 430

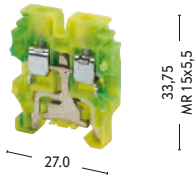
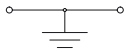


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1 / EN 60947-7-2)	400 V ~ / 24 A / 2,5 mm ²			400 V ~ / 32 A / 4 mm ²			
UL	300 V ~ / 20 A / AWG 26 - 12			300 V ~ / 30 A / AWG 24 - 10			
ATEX	400 V ~ / 23 A			400 V ~ / 31,5 A			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			24 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	8 mm / 0,4 - 0,6 Nm			8 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	MVK 2,5	304 429	100	MVK 4	304 439	100
	Yellow - Green						
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 3 mm - Polyamide 66	Grey	NPP MVK	444 429	100	NPP MVK	444 429	100
	Yellow - Green						
Push-in 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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 6 mm ² / 6 mm ² / 41 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B4			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

MVK 2,5 T

Width: 5 mm

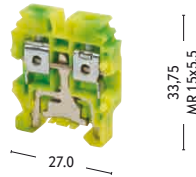
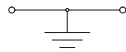
334 420



MVK 4 T

Width: 6 mm

334 430



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 2,5 mm ²			- V ~ / - A / 4 mm ²		
- V ~ / - A / AWG 26 - 12			- V ~ / - A / AWG 24 - 10		
400 V			400 V		
0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
26 - 12 / 0,5 - 2,5 mm ²			24 - 10 / 0,5 - 4 mm ²		
8 mm / 0,4 - 0,6 Nm			8 mm / 0,5 - 0,8 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
MVK 2,5 T	334 420	50	MVK 4 T	334 430	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP MVK	444 422T	100	NPP MVK	444 422T	100
0,2 - 4 mm ² / -			0,2 - 6 mm ² / -		
6 kV / 3			6 kV / 3		
1 / B3			1 / B4		
IP 20 / PE			IP 20 / PE		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

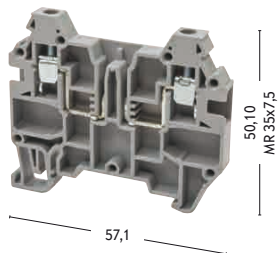
Klemsan® Functional Terminals and Sockets

AVK 2,5 F

Width: 6 mm

324 929

324 920

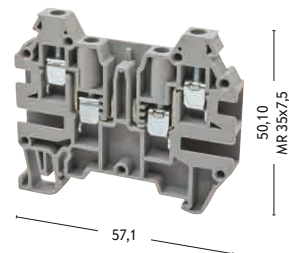


AVK 2,5 CF

Width: 6 mm

324 919

324 910



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE(EN 60947-7-1)	400 V / 16A / 2,5 mm ²			400 V / 16A / 2,5 mm ²		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm ²			26 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque	10 mm / 0,4 - 0,6 Nm			10 mm / 0,4 - 0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey	AVK 2,5 F	324 929	80	AVK 2,5 CF	324 919	80
Elektriksel Özellikler						
Diode Voltage						
Diode Current						
Diode						
End Plate						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey	NPP AVK 2,5 CC	444 139	25	NPP AVK 2,5 CC	444 139	25
Technical Data						
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 16 A			0,2 - 4 mm ² / 4 mm ² - 16 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3			1 / B3		
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		



AVK SKT

Width:
498 759



AVK SKTD

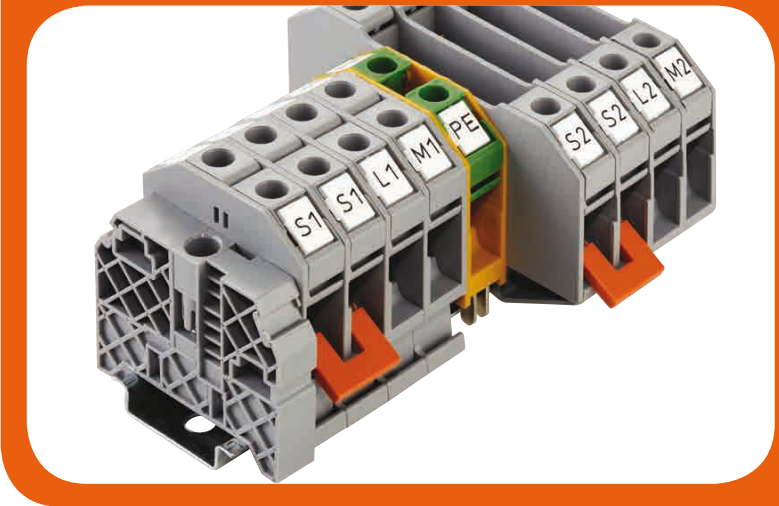
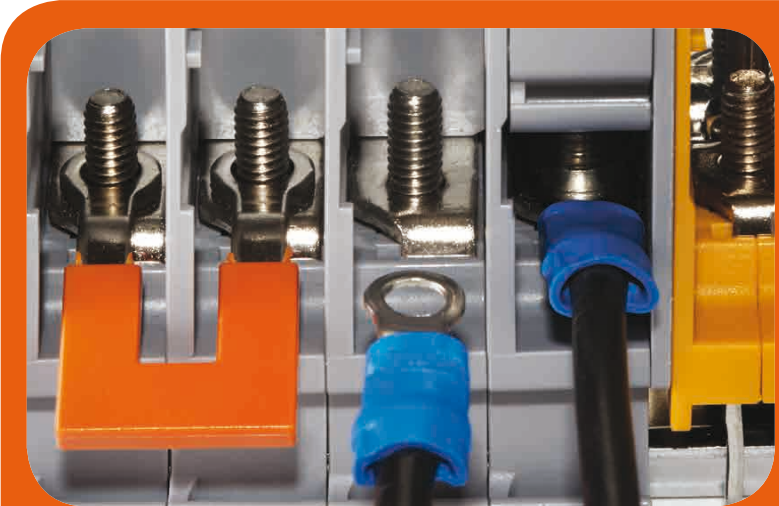
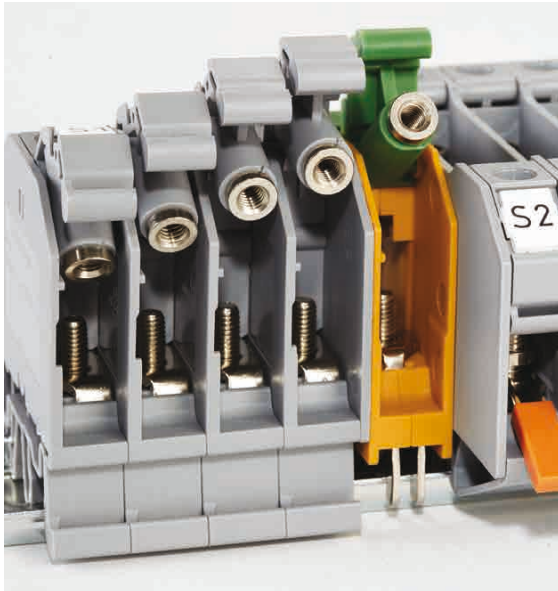
Width:
498 859



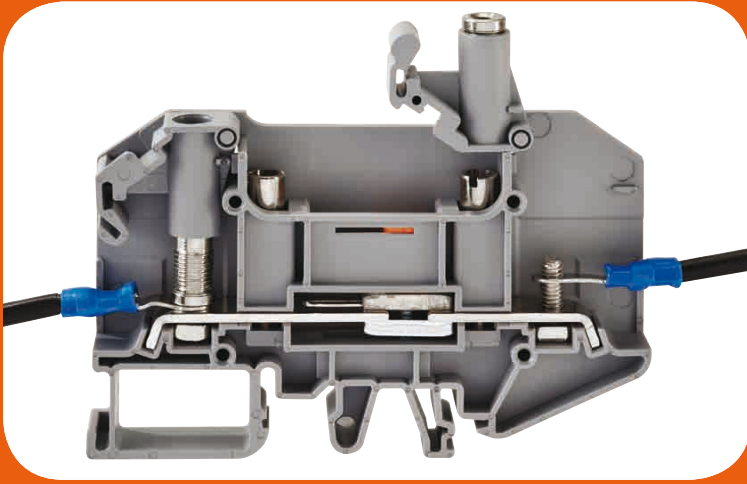
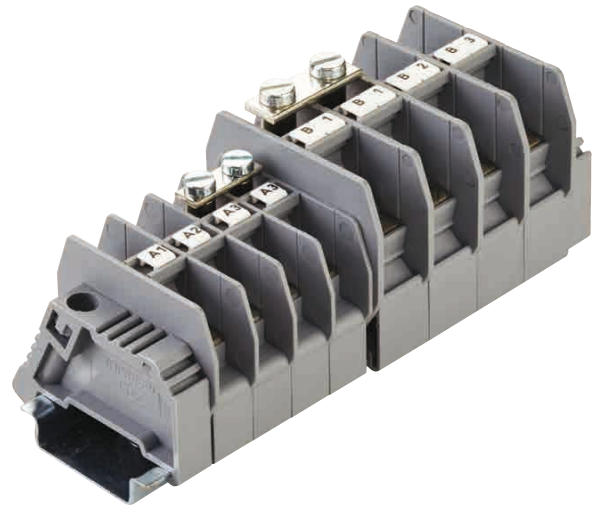
AVK SKT			AVK SKTD		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK SKT	498 759	50	AVK SKTD	498 859	50
7 mm / 0,4 - 0,6 Nm			7 mm / 0,4 - 0,6 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
1000V			1000V		
0,5A			0,5A		
1 N 4007			1 N 4007		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

PB, CPB Series Terminals

PB & CPB Series Ring and Fork Type Plug in Terminals 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.



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.



Klemsan®

PB - CPB Series

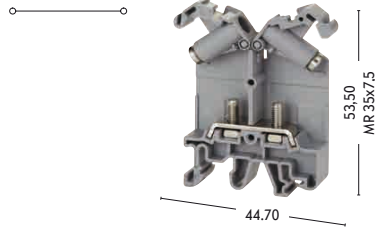
Feed Through and Earth Terminals

PB 6

Width: 11 mm

307 519

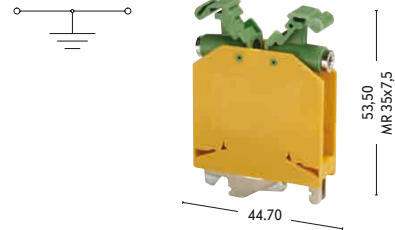
307 510

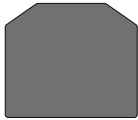




PB 6T (Earth)

Width: 11 mm

336 580



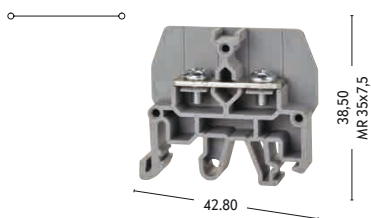
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)	800 V / 41 A / 6 mm ²			~ V ~ / - A / 6 mm ²		
UL / CSA	600 V / 45 A / AWG 22 - 8			AWG 22 - 8		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule	22 - 8			22 - 8		
Insulation Stripping Length / Torque	- / 0,8 - 1,2 Nm			- / 0,8 - 1,2 Nm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
Ordering Data						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PB 6	307 519	40		
	Beige	PB 6	307 510	40		
	Green - Yellow			PB T	336 580	40
End Plate						
	Type	Cat. No.	Qty.			
	Grey	NPP PB 6	450 329	25		
	Beige	NPP PB 6	450 320	25		
Comb Connector						
	Type	Cat. No.	Qty.			
	TKO-PB 6/2	476 802	25			
	TKO-PB 6/3	476 803	20			
	TKO-PB 6/4	476 804	15			
	TKO-PB 6/7	476 807	5			
Cross Connection						
						
Technical Data						
• Max.clamping range / Max. technical data	0,5 - 6 mm ² / 41 A			0,5 - 6 mm ²		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 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 / PE		
Marking Tags (Dekafix)						
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

CPB 6

Width: 9,5 mm

326 809

326 800

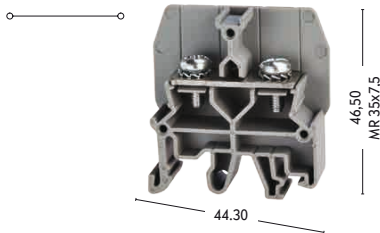


CPB 6B

Width: 13 mm

326 819

326 810



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
800 V / 41 A / 6 mm ²			800 V / 57 A / 10 mm ²		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 10 mm ² / 0,5 - 10 mm ²		
20 - 10			20 - 8		
- / 0,8 - 1,2 Nm			- / 1,2 - 1,8 Nm		
IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
CPB 6	326 809	50	CPB 6B	326 819	25
CPB 6	326 800	50	CPB 6B	326 810	25
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP CPB 6	450 289	50	NPP CPB 6B	450 299	50
NPP CPB 6	450 280	50	NPP CPB 6B	450 290	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 9,5/2	480 192	25	UK 13/2	480 202	25
UK 9,5/10	480 199	5	UK 13/10	480 209	5
0,5 - 6 mm ² / 41 A			0,5 - 10 mm ² / 57 A		
8 kV / 3			8 kV / 3		
1 / NA			1 / NA		
IP 20			IP 10		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

PB Series

590 012	KYK-401	0,5 - 1,5 mm ²
590 013	KYK-501	0,5 - 1,5 mm ²
590 021	KYK-402	1,5 - 2,5 mm ²
590 022	KYK-502	1,5 - 2,5 mm ²
590 030	KYK-406	4 - 6 mm ²
590 031	KYK-506	4 - 6 mm ²

CPB 6 Series

591 013	KCK-501	0,5 - 1,5 mm ²
591 022	KCK-402	1,5 - 2,5 mm ²
591 023	KCK-502	1,5 - 2,5 mm ²
591 030	KCK-406	4 - 6 mm ²
591 031	KCK-506	4 - 6 mm ²

CPB 6B Series

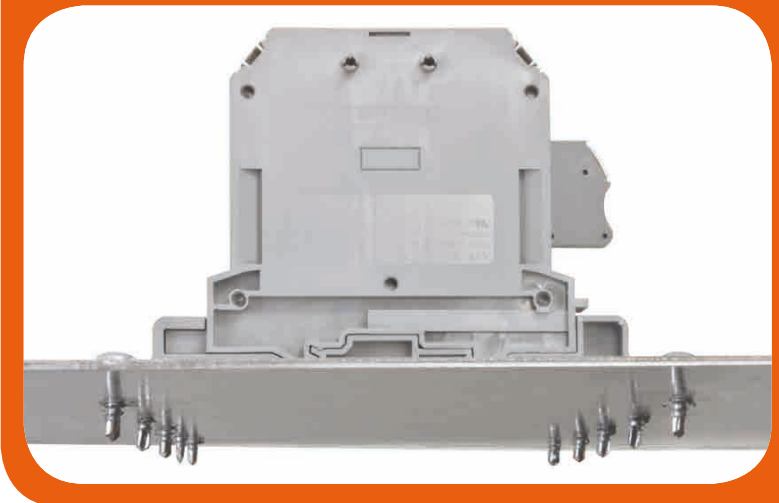
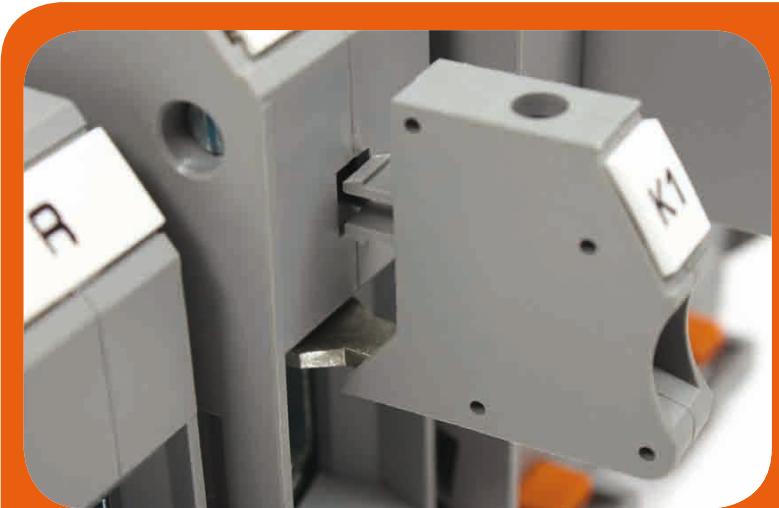
591 013	KCK-501	0,5 - 1,5 mm ²
591 022	KCK-402	1,5 - 2,5 mm ²
591 023	KCK-502	1,5 - 2,5 mm ²
591 030	KCK-406	4 - 6 mm ²
591 031	KCK-506	4 - 6 mm ²

* You can find the ordering data of the terminals which are suitable for PB, CPB 6 and CPB 6B series as above. See page 206 for usage of Terminals.

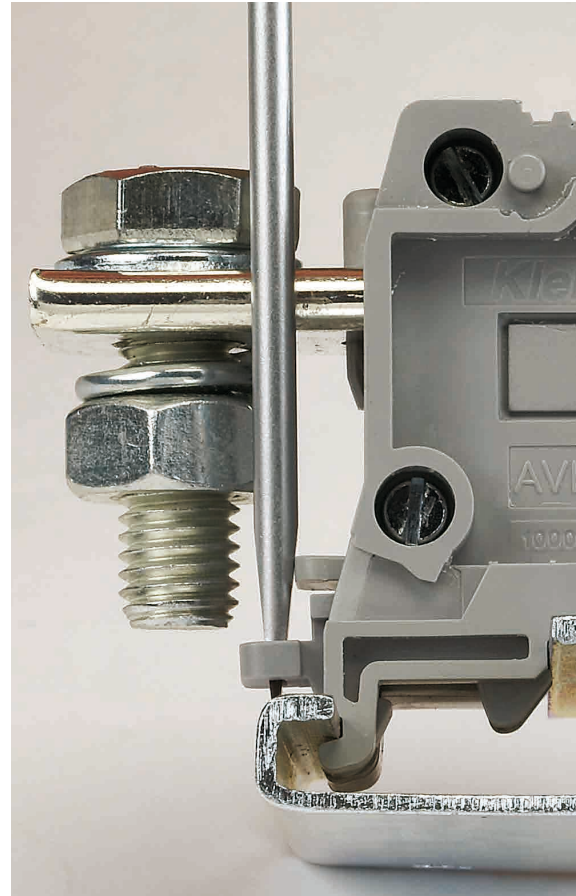
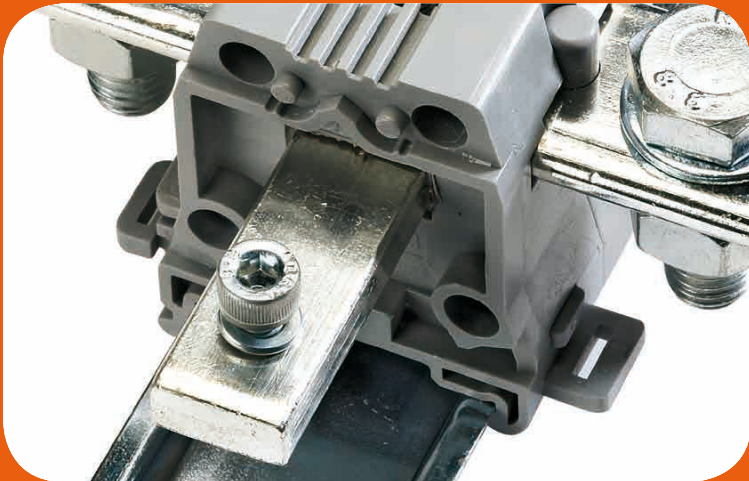
High Current / PB Series / Bolt Connection Terminals



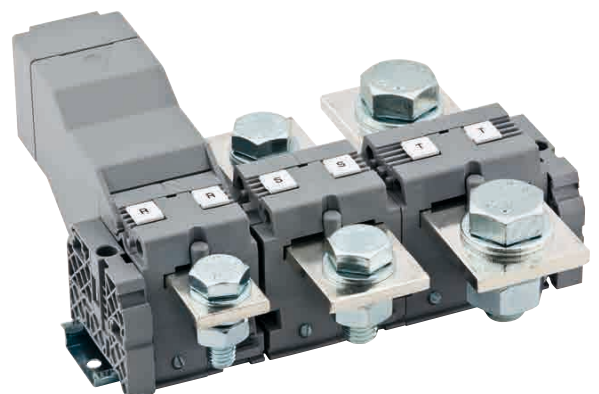
AVK Series Screw Connection High Current Terminals provide 50 240 mm² cross-section range. Cross Connection can be used for terminals with all cross-sections. These terminal blocks are fixed to each other via pins on sides, providing a rigid performance on DIN Rail and easy montage advantages in constricted 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.



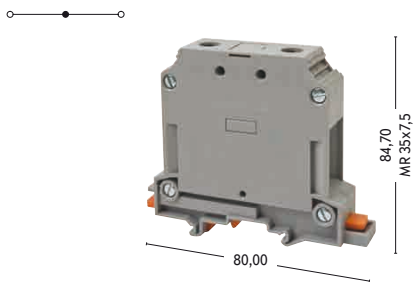
AVK Busbar Type High Current Terminals provides 95 240 mm² cross-section range, when cable connection is done by insulated terminals connected to the Types of the conductor. Isolation cover is designed for insulated terminals having different dimensions. Cross Connection can be used for terminals with 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.



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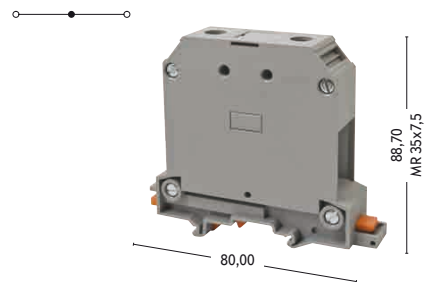
High Current Terminals

AVK 50
Width: 20 mm
304 330



Hexagon Socket Screw

AVK 70 RD
Width: 22 mm
304 490



Hexagon Socket Screw

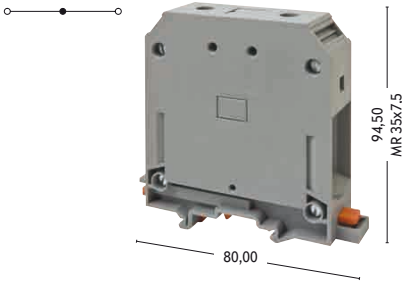


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	1000 V ~ / 150 A / 50 mm ²			1000 V ~ / 192 A / 70 mm ²			
UL / CSA	600 V ~ / 150 A / AWG 6 - 1/0			600 V ~ / 175 A / AWG 6 - 2/0			
ATEX	800 V ~ / 150 A						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	16 - 70 mm ² / 25 - 50 mm ²			16 - 70 mm ² / 16 - 70 mm ²			
AWG Conductor / Fine Strand with Ferrule	6 - 0 / 16 - 50 mm ²			6 - 0 / 16 - 70 mm ²			
Insulation Stripping Length / Torque	24 mm / 6 - 10 Nm			24 mm / 6 - 12 Nm			
Screwdriver	S5 (DIN 6911)			S6 (DIN 6911)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Grey	AVK 50	304 330	25	AVK 70 RD	304 490	10
Cross Connection	Type	Cat. No.	Qty.	Type	Cat. No.	L mm	Qty.
	UK 50/2	478 332	5	UK 70/2	478 372	45	5
	UK 50/3	478 333	5	UK 70/3	478 373	70	5
	UK 50/4	478 334	5	UK 70/4	478 374	95	5
AVK / EK6							
							
Technical Data							
• Max.clamping range / Max. technical data	16 - 70 mm ² / 70 mm ² - 192 A			16 - 70 mm ² / 70 mm ² - 192 A			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B10			1 / A11			
• Protection class / Protection conductor type	IP 10 / -			IP 10 / -			
Marking Tags (Dekafix)	See page 181 for usage of Dekafix			See page 181 for usage of Dekafix			

AVK 95

Width: 25 mm

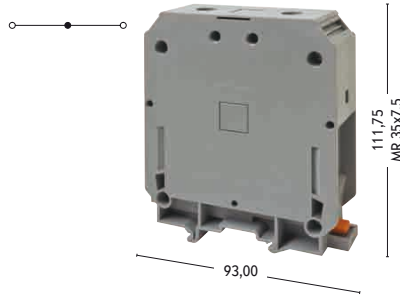
304 340



AVK 150

Width: 31 mm

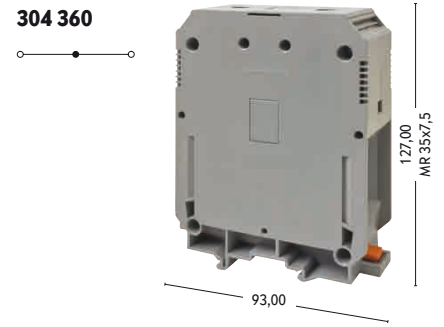
304 350



AVK 240

Width: 36 mm

304 360



Hexagon Socket Screw

Hexagon Socket Screw

Hexagon Socket Screw

Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
-----------------------------------	--	--	-----------------------------------	--	--	-----------------------------------	--	--

1000 V ~ / 232 A / 95 mm ²			1000 V ~ / 309 A / 150 mm ²			1000 V ~ / 415 A / 240 mm ²		
600 V ~ / 230 A / AWG 2 - 4/0			600 V ~ / 270 A / AWG 2 - 300 kcmil			600 V ~ / 370 A / AWG 2/0 - 500 kcmil		
1000 V ~ / 217 A			1000 V ~ / 281 A			1000 V ~ / 380 A		
25 - 95 mm ² / 35 - 95 mm ²			35 - 150 mm ² / 50 - 150 mm ²			50 - 240 mm ² / 70 - 240 mm ²		
2 - 4/0 / 35 - 95 mm ²			2 - 300 / 50 - 150 mm ²			2/0 - 500 / 70 - 240 mm ²		
28 mm / 10 - 15 Nm			31 mm / 10 - 18 Nm			35 mm / 10 - 20 Nm		
S6 (DIN 6911)			S8 (DIN 6911)			S8 (DIN 6911)		

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 95	304 340	6	AVK 150	304 350	4	AVK 240	304 360	4

Type	Cat. No.	L mm	Qty.	Type	Cat. No.	L mm	Qty.	Type	Cat. No.	L mm	Qty.
UK 95/2	478 342	45	5	UK 150/2	478 352	45	5	UK 240/2	478 362	61	5
UK 95/3	478 343	70	5	UK 150/3	478 353	70	5	UK 240/3	478 363	97	5
UK 95/4	478 344	95	5	UK 150/4	478 354	95	5	UK 240/4	478 364	133	5

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

25 - 95 mm ² / 95 mm ² - 232 A			35 - 150 mm ² / 150 mm ² - 309 A			50 - 240 mm ² / 240 mm ² - 415 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B12			1 / B14			1 / A16		
IP 10 / -			IP 10 / -			IP 10 / -		

See page 181 for usage of Dekafix

See page 181 for usage of Dekafix

See page 181 for usage of Dekafix

• **DY 5, DG 10/6** Marking Tags can be used for labeling of AVK / EK 6

• **DY 5, DG 10/6** Marking Tags can be used for labeling of AVK / EK 6

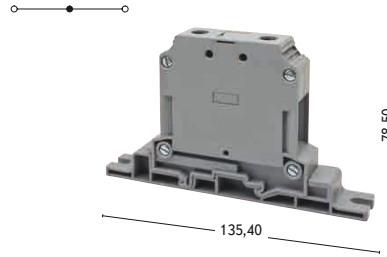
• **DY 5, DG 10/6** Marking Tags can be used for labeling of AVK / EK 6

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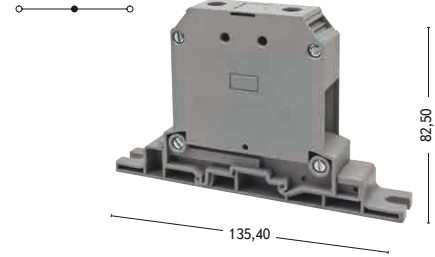
PB Series Terminals

Panel Mount Terminals

AVK PB 50
Width: 20 mm
304 440



AVK PB 70 RD
Width: 22 mm
304 450



Hexagon Socket Screw

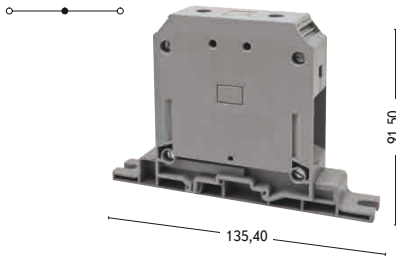
Hexagon Socket Screw

Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)	1000 V ~ / 150 A / 50 mm ²			1000 V ~ / 192 A / 70 mm ²		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	16 - 70 mm ² / 25 - 50 mm ²			16 - 70 mm ² / 16 - 70 mm ²		
AWG Conductor / Fine Strand with Ferrule	6 - 0 / 16 - 50 mm ²			6 - 0 / 16 - 70 mm ²		
Insulation Stripping Length / Torque	24 mm / 6 - 10 Nm			24 mm / 6 - 12 Nm		
Screwdriver	S5 (DIN 6911)			S6 (DIN 6911)		
Ordering Data						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey	AVK PB 50	304 440	6	AVK PB 70 RD	304 450	6
Push-in Cross Connection						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	UK 50/2	478 332	5	UK 70/2	478 372	5
	UK 50/3	478 333	5	UK 70/3	478 373	5
	UK 50/4	478 334	5	UK 70/4	478 374	5
AVK / EK6						
						
Technical Data						
• Max.clamping range / Max. technical data	16 - 70 mm ² / 70 mm ² -192 A			16 - 70 mm ² / 70 mm ² -192 A		
• Rated Impulse Voltage / Pollution severity	8 kV /3			8 kV /3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B 10			1 / A 11		
• Protection class / Protection conductor type	IP 10 /-			IP 10 /-		
Marking Tags (Dekafix)						
	See page 181 for usage of Dekafix			See page 181 for usage of Dekafix		

AVK PB 95

Width: 25 mm

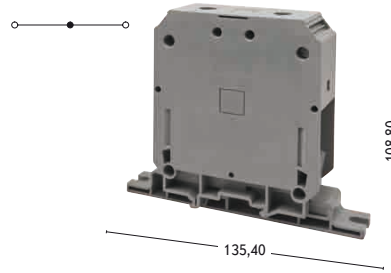
304 460



AVK PB 150

Width: 31 mm

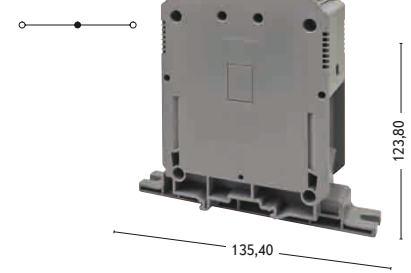
304 470



AVK PB 240

Width: 36 mm

304 480



Hexagon Socket Screw

Hexagon Socket Screw

Hexagon Socket Screw

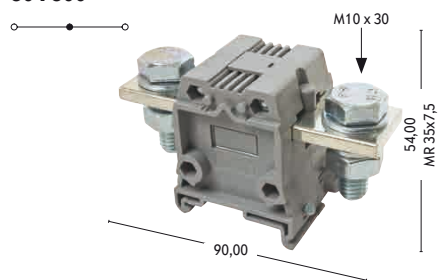
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
1000 V ~ / 232 A / 95 mm ²			1000 V ~ / 309 A / 150 mm ²			1000 V ~ / 415 A / 240 mm ²		
25 - 95 mm ² / 35 - 95 mm ²			35 - 150 mm ² / 50 - 150 mm ²			50 - 240 mm ² / 70 - 240 mm ²		
2 - 4 / 0 - 35 - 95 mm ²			2 - 300 / 50 - 150 mm ²			2/0 - 500 / 70 - 240 mm ²		
28 mm / 10 - 15 Nm			31mm / 10 - 18 Nm			35 mm / 10 - 20 Nm		
S6 (DIN 6911)			S8 (DIN 6911)			S8 (DIN 6911)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK PB 95	304 460	6	AVK PB 150	304 470	4	AVK PB 240	304 480	6
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 95/2	478 342	5	UK 150/2	478 352	5	UK 240/2	478 362	5
UK 95/3	478 343	5	UK 150/3	478 353	5	UK 240/3	478 363	5
UK 95/4	478 344	5	UK 150/4	478 354	5	UK 240/4	478 364	5
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
25 - 95 mm ² / 95 mm ² - 232 A			35 - 150 mm ² / 150 mm ² - 309 A			50 - 240 mm ² / 240 mm ² - 415 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B 12			1 / B 14			1 / A 14		
IP 10 / -			IP 10 / -			IP 10 / -		
See page 181 for usage of Dekafix			See page 181 for usage of Dekafix			See page 181 for usage of Dekafix		
• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK / EK 6			• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK / EK 6			• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK / EK 6		

Klemsan®

Bolt Connection Terminals

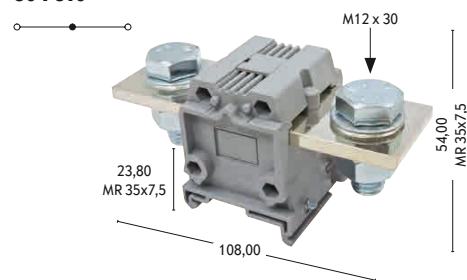
AVK 95 B



Width: 40 mm
304 300



AVK 150 B

Width: 48 mm
304 310

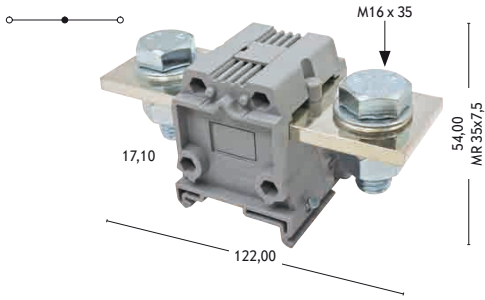


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)	1000 V ~ / 232 A / 95 mm ²			1000 V ~ / 309 A / 150 mm ²		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	95 mm ² / 95 mm ²			150 mm ² / 150 mm ²		
AWG Conductor / Fine Strand with Ferrule	3/0 / 95 mm ²			300 KCMIL / 150 mm ²		
Insulation Stripping Length / Torque	- / -			- / -		
Screwdriver	17 (DIN 3110)			19 (DIN 3110)		
Ordering Data						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey	AVK 95 B	304 300	4	AVK 150 B	304 310	4
Cross Connection						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	UKB 95/2	478 302	5	UKB 150/2	478 312	5
	UKB 95/3	478 303	5	UKB 150/3	478 313	5
	UKB 95/4	478 304	5	UKB 150/4	478 314	5
Isolation Cover						
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	KKB 95	466 100	4	KKB 150	466 110	4
Technical Data						
• Max.clamping range / Max. technical data	95 mm ² / 95 mm ² - 232 A			150 mm ² / 150 mm ² - 309 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / -			1 / -		
• Protection class / Protection conductor type	IP 10 / -			IP 10 / -		
Marking Tags (Dekafix)						
	• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals See pages 166-177 for usage of Dekafix			• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals See pages 166-177 for usage of Dekafix		

AVK 240 B

Width: 53 mm

304 320



Voltage / Current / Cross-Section

1000 V ~ / 415 A / 240 mm²

240 mm² / 240 mm²

500 KCMIL / 240 mm²

- / -

24 (DIN 3110)

Type	Cat. No.	Qty.
------	----------	------

AVK 240 B	304 320	4
-----------	----------------	---

Type	Cat. No.	Qty.
------	----------	------

UKB 240/2	478 322	5
-----------	----------------	---

UKB 240/3	478 323	5
-----------	----------------	---

UKB 240/4	478 324	5
-----------	----------------	---

Type	Cat. No.	Qty.
------	----------	------

KKB 240	466 120	4
---------	----------------	---

240 mm² / 240 mm² - 415 A

8 kV / 3

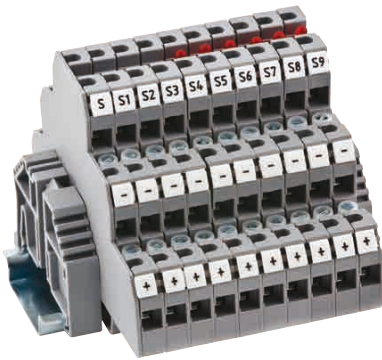
1 / -

IP 10 / -

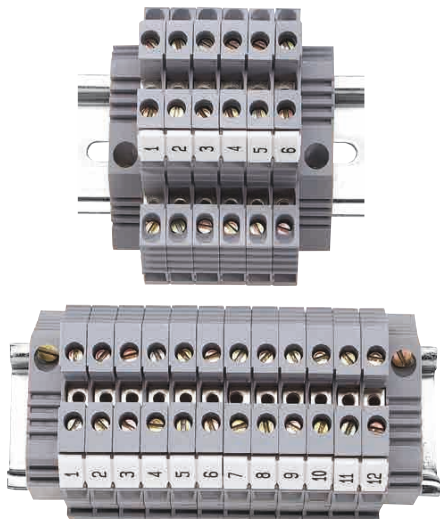
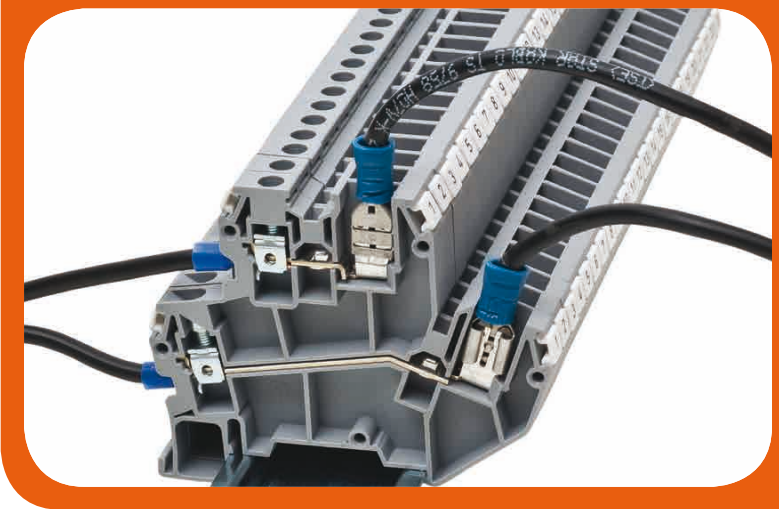
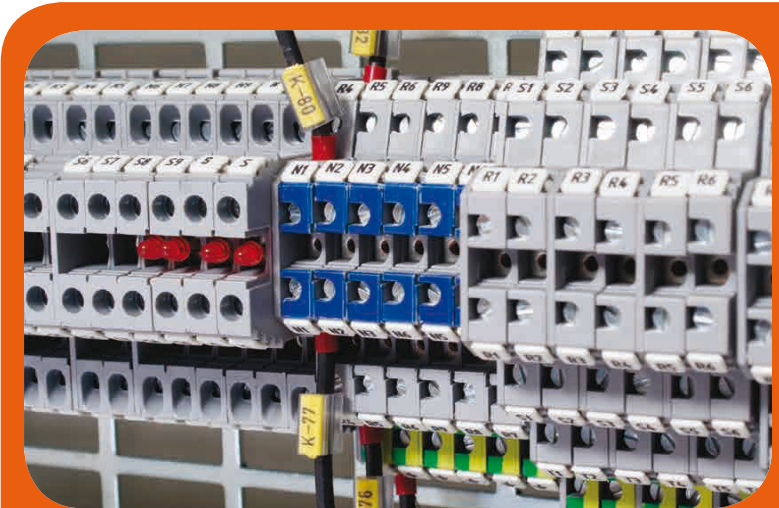
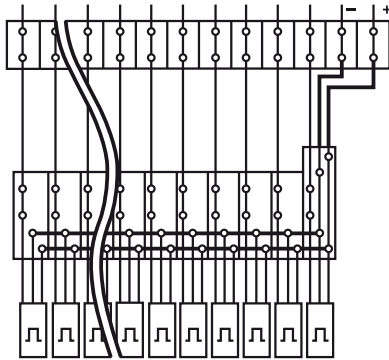
- DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals

See pages 166-177 for usage of Dekafix

Screw Type Multilevel / Sensor Terminals



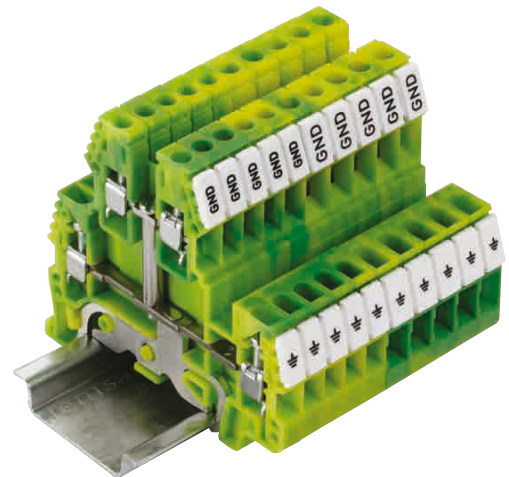
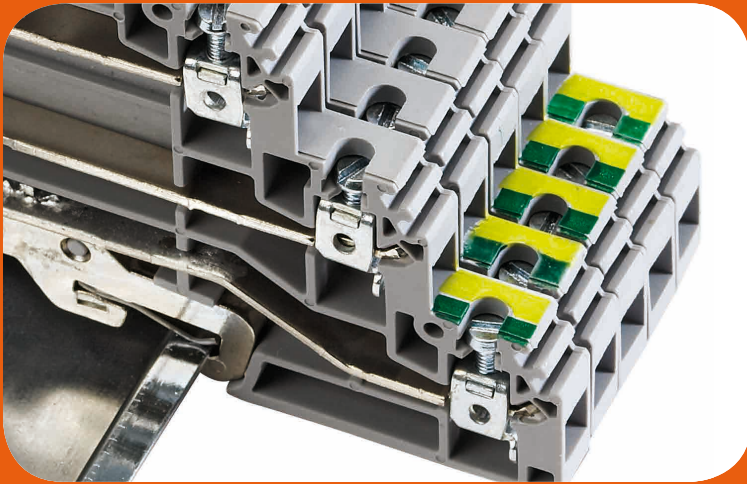
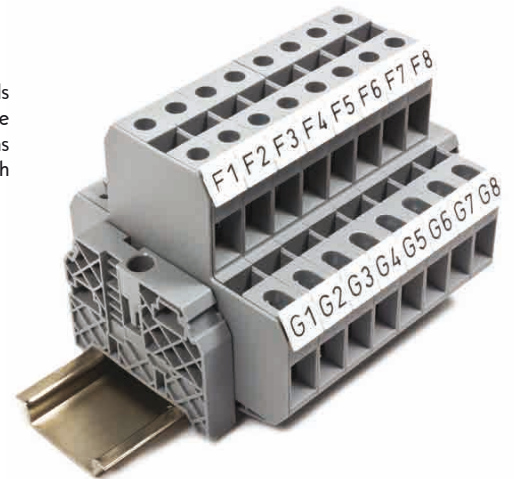
PUK Series Screw Connection Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions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



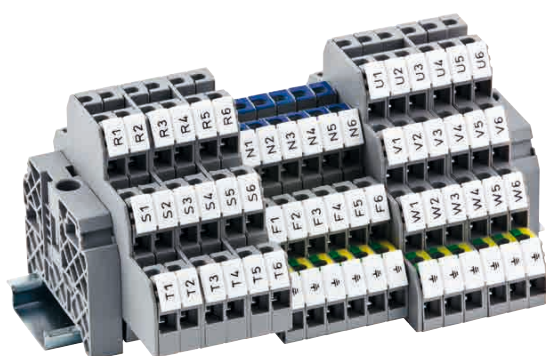
50% space saving

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 to 16 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 & lightning, 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

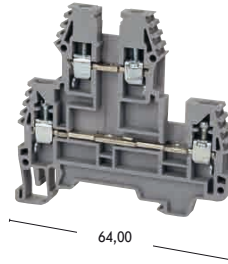
PIK 2,5 N

Width: 5 mm

Grey **317 109**

Blue **317 101**

Green **317 100**



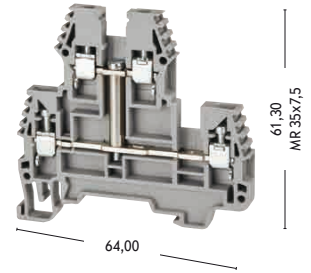
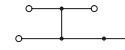
PIK 2,5 NK

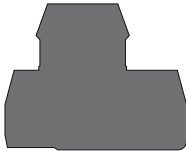

Width: 5 mm

Grey **317 129**

Blue **317 121**

Green **317 120**



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²			
UL / CSA		300 V ~ / 20 A / AWG 26 - 12			300 V ~ / 20 A / AWG 26 - 12			
ATEX		400 V ~ / 21,5 A						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule		26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque		10 mm / 0,4 - 0,6 Nm			10 mm / 0,4 - 0,6 Nm			
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66		Grey	PIK 2,5 N	317 109	100	PIK 2,5 NK	317 129	20
		Grey						
		Grey						
		Grey						
Elektriksel Özellikler								
Diode Voltage								
Diode Current								
Diod								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm		Grey	NPP PIK 2,5 - 4 N	449 019	25	NPP PIK 2,5 - 4 N	449 019	25
Polyamide 66								
								
Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		UK 2,5/2	474 122	25	UK 2,5/2	474 122	25	
		UK 2,5/3	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 2,5/10	474 129	5	UK 2,5/10	474 129	5	
		Note: Only lower decks can be cross-connected						
Technical Data								
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² / 28 A			0,2 - 4 mm ² / 4 mm ² / 28 A			
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3			1 / B3			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

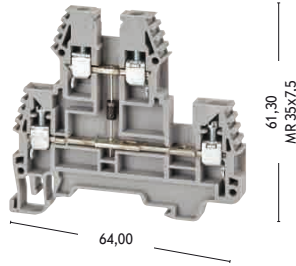
PIK 2,5 ND

Width: 5 mm

317 219

317 211

317 210



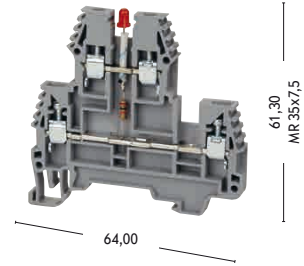
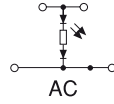
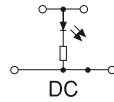
PIK 2,5 NLD

Width: 5 mm

...9

...1

...0



Voltage / Current / Cross-Section				Voltage / Current / Cross-Section			
500 V ~ / 0,5 A / 2,5 mm ²				- V ~ / 24 A / 2,5 mm ²			
300 V ~ / 0,5 A / AWG 26 - 12				- V ~ / 20 A / AWG 26 - 12			
0,5 - 4 mm ² / 0,5 - 4 mm ²				0,5 - 4 mm ² / 0,5 - 4 mm ²			
26 - 12 / 0,5 - 2,5 mm ²				26 - 12 / 0,5 - 2,5 mm ²			
10 mm / 0,4 - 0,6 Nm				10 mm / 0,4 - 0,6 Nm			
IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)			
Type	Cat. No.	Qty.		Type	Cat. No.	Qty.	
PIK 2,5 ND - A	317 219	20		PIK 2,5 NLD	317 329 (24V DC) / 317 319 (24V AC)	20	
PIK 2,5 ND - B	317 229	20		PIK 2,5 NLD	317 429 (48V DC) / 317 419 (48V AC)	20	
				PIK 2,5 NLD	317 629 (110V DC) / 317 619 (110V AC)	20	
				PIK 2,5 NLD	317 729 (220V DC) / 317 719 (220V AC)	20	
1000 V							
0,5 A							
1 N 4007							
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	
Type	Cat. No.	Qty.		Type	Cat. No.	Qty.	
UK 2,5/2	474 122	25		UK 2,5/2	474 122	25	
UK 2,5/3	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 2,5/10	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			
0,2 - 4 mm ² / 4 mm ² / 0,5 A				0,2 - 4 mm ² / 4 mm ² / 28 A			
6 kV / 3				6 kV / 3			
1 / B3				1 / B3			
IP 20 / -				IP 20 / -			

See pages 166-177 for usage of Dekafix

See pages 166-177 for usage of Dekafix

Screw Type Double - Deck Terminals

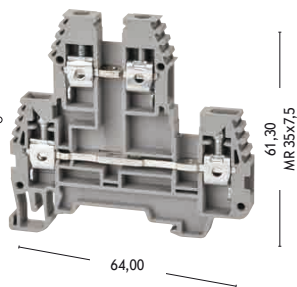
PIK 4 N

Width: 6 mm

Grey **319 109**

Blue **319 101**

Green **319 100**



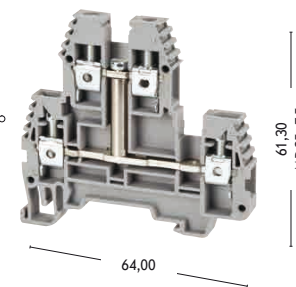
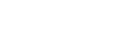
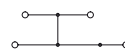
PIK 4 NK

Width: 6 mm

Grey **319 129**

Blue **319 121**

Green **319 120**

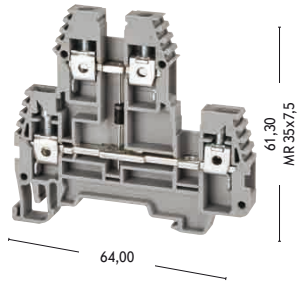
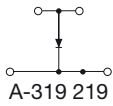


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1)		500 V ~ / 32 A / 4 mm ²			500 V ~ / 32 A / 4 mm ²			
UL / CSA		300 V ~ / 30 A / AWG 26 - 10			300 V ~ / 30 A / AWG 26 - 10			
ATEX		400 V ~ / 29,5 A						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque		10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	PIK 4 N	319 109	100	PIK 4 NK	319 129	20	
	Grey							
	Grey							
	Grey							
Elektriksel Özellikler								
Diode Voltage								
Diode Current								
Diod								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm		Grey	NPP PIK 2,5 - 4 N	449 019	25	NPP PIK 2,5-4 N	449 019	25
Polyamide 66								
Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		UK 4/2	474 132	25	UK 4/2	474 132	25	
		UK 4/3	474 133	20	UK 4/3	474 133	20	
		UK 4/4	474 134	15	UK 4/4	474 134	15	
		UK 4/10	474 139	5	UK 4/10	474 139	5	
		Note: Only lower decks can be cross-connected						
Technical Data								
• Max.clamping range / Max. technical data		0,2 - 6 mm ² / 6 mm ² / 39 A			0,2 - 6 mm ² / 6 mm ² / 39 A			
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4			1 / B4			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

PIK 4 ND

Width: 6 mm

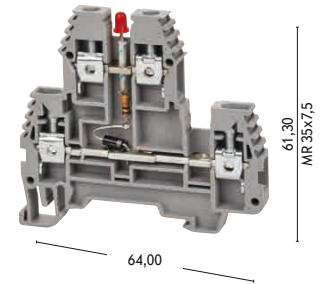
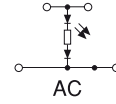
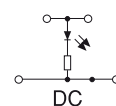
- 319 219**
- 319 211**
- 319 210**



PIK 4 NLD

Width: 6 mm

-9**
-1**
-0**



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 0,5 A / 4 mm ²			- V ~ / 32 A / 4 mm ²		
300 V ~ / 0,5 A / AWG 26 - 10			- V ~ / 30 A / AWG 26 - 10		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PIK 4 ND - A	319 219	20	PIK 4 NLD	319 329 (24V DC) / 319 319 (24V AC)	20
PIK 4 ND - B	319 229	20	PIK 4 NLD	319 429 (48V DC) / 319 419 (48V AC)	20
			PIK 4 NLD	319 629 (110V DC) / 319 619 (110V AC)	20
			PIK 4 NLD	319 729 (220V DC) / 319 719 (220V AC)	20
1000 V					
0,5 A					
1 N 4007					
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
Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
0,2 - 6 mm ² / 6 mm ² / 0,5 A			0,2 - 6 mm ² / 6 mm ² / 39 A		
6 kV / 3			6 kV / 3		
1 / B4			1 / B4		
IP 20 / -			IP 20 / -		

See pages 166-177 for usage of Dekafix

See pages 166-177 for usage of Dekafix

Screw Type Double - Deck Terminals

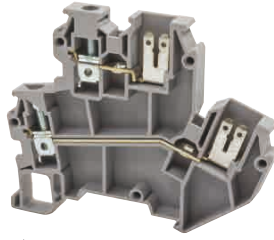
PIK 4 FS

Width: 6 mm

319 809

319 801

319 800



70,50

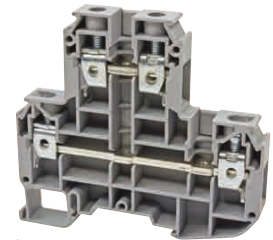
58,90
MR 35x7,5

PIK 10 N

Width: 10 mm

319 909




319 900



77,90

73,00
MR 35x7,5



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	400 V ~ / 20 A / 4 mm ²			800 V ~ / 57 A / 10 mm ²			
ATEX	400 V ~ / 20 A / 4 mm ²						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0,5 - 4 mm ²			18 - 6 / 1,5 - 10 mm ²			
Insulation Stripping Length / Torque	10 mm / 0,5 - 08 Nm			12 mm / 1,2 - 1,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 4 (0,8x4,0)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	PIK 4 FS	319 809	85	PIK 10 N	319 909	20
End Plate - Disconnect Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP PIK 4 FS	449 029	20	NPP PIK 10 N	449 039	20
							
NPP PIK 4 FS							
							
NPP PIK 10 N							
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							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ² / 20 A			1,5 - 16 mm ² / 16 mm ² / 76 A			
• Rated Impulse Voltage / Pollution severity	4 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A 4			1 / B 6			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

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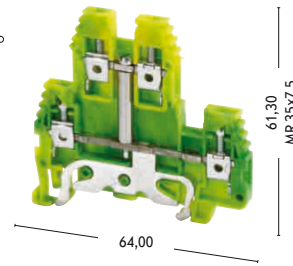
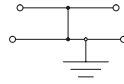
Double Deck

Earth Terminals

PIK 2,5 NT

Width: 5 mm

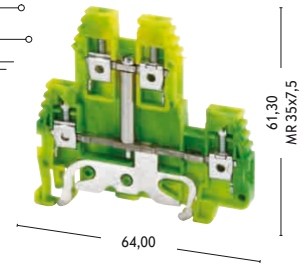
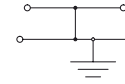
336 560



PIK 4 NT

Width: 6 mm

336 570

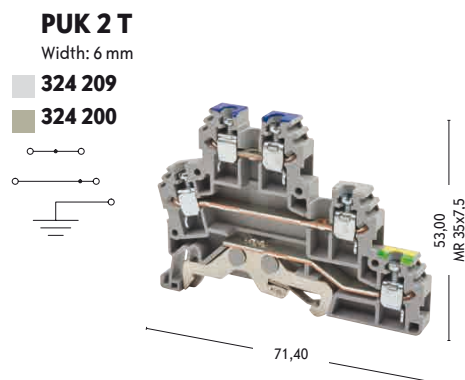
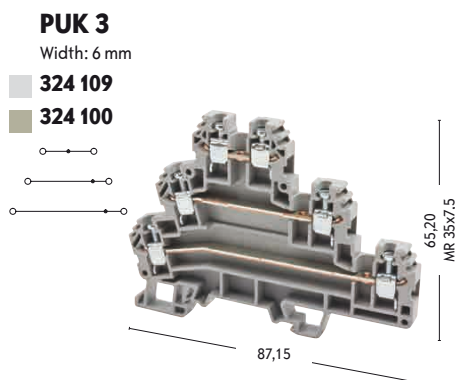





Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-2)		~ V ~ / ~ A / 2,5 mm ²			~ V ~ / ~ A / 4 mm ²		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule		26 - 12 / 0,5 - 2,5 mm ²			26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque		10 mm / 0,4 - 0,6 Nm			10 mm / 0,5 - 0,8 Nm		
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Yellow - Green	PIK 2,5 NT	336 560	100	PIK 4 NT	336 570	100
End Plate - Disconnect Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Yellow - Green	NPP PIK 2,5 - 4N	449 012T	25	NPP PIK 2,5 - 4N	449 012T	25
Technical Data							
		0,2 - 4 mm ²			0,2 - 6 mm ²		
		8 kV / 3			8 kV / 3		
		1 / B 3			1 / B 4		
		IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)							
		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		



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Screw Type Multilevel Terminals



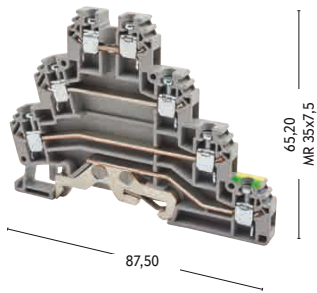
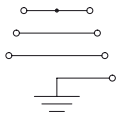
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)		440 V ~ / 24 A / 2,5 mm ²			440 V ~ / 24 A / 2,5 mm ²		
UL		300 V ~ / 24 A / AWG 24 - 12			300 V ~ / 24 A / AWG 24 - 12		
ATEX		400 V ~ / 24 A			400 V ~ / 24 A		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule		24 - 12 / 1,5 - 2,5 mm ²			24 - 12 / 1,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		8 mm / 0,4 - 0,6 Nm			8 mm / 0,4 - 0,6 Nm		
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PUK 3	324 109	20	PUK 2 T	324 209	20
End Plate - Disconnect Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Grey	NPP PUK 3	450 139	10	NPP PUK 2 T	450 149	10
 NPP PUK 3  NPP PUK 3 T							
Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		UK 2,5/2	480 132	25	UK 2,5/2	480 132	25
		UK 2,5/3	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 2,5/10	480 139	5	UK 2,5/10	480 139	5
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 4 mm ² / 4 mm ² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B 3			1 / B 3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / PE		
Marking Tags (Dekafix)							
See pages 166-177 for usage of Dekafix				See pages 166-177 for usage of Dekafix			

PUK 3 T

Width: 6 mm

324 309

324 300



Voltage / Current / Cross-Section	
440 V ~ / 24 A / 2,5 mm ²	
300 V ~ / 24 A / AWG 24 - 12	
400 V ~ / 24 A	
0,5 - 4 mm ² / 0,5 - 4 mm ²	
24 - 12 / 1,5 - 2,5 mm ²	
8 mm / 0,4 - 0,6 Nm	
IKT 3 (0,6x3,5)	
Type	Cat. No. Qty.
PUK 3 T	324 309 20
Type	Cat. No. Qty.
NPP PUK 3 T	450 159 10
Type	Cat. No. Qty.
UK 2,5/2	480 132 25
UK 2,5/3	480 133 20
UK 2,5/4	480 134 15
UK 2,5/10	480 139 5
Note: Only upper decks can be cross-connected	
0,2 - 4 mm ² / 4 mm ² / 32 A	
6 kV / 3	
1 / B 3	
IP 20 / PE	

See pages 166-177 for usage of Dekafix

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Screw Type

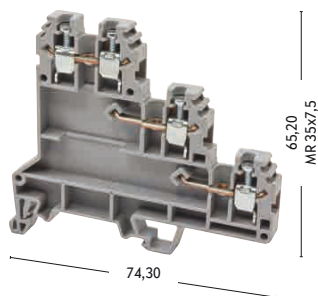
Sensor Terminals

PUK 3 S

Width: 6 mm

324 409

324 400

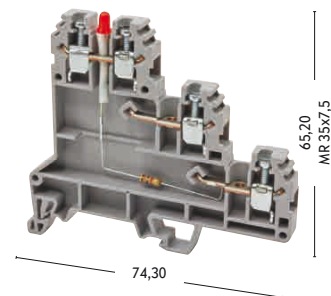
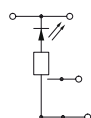




PUK 3 SLD (NPN)

Width: 6 mm

324 419

324 410



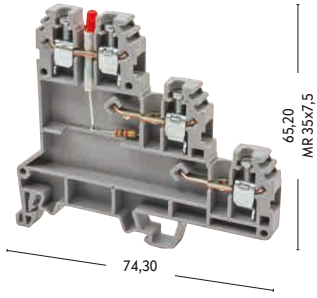
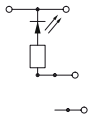
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	500 V ~ / 24 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²			
UL / CSA	300 V ~ / 24 A / AWG 24 - 12						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	24 - 12 / 0,5 - 2,5 mm ²			24 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	8 mm / 0,4 - 0,6 Nm			8 mm / 0,4 - 0,6 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data							
Polyamide 66	Grey	PUK 3 S	324 409	20	PUK 3 SLD (NPN)	324 419 (24 VDC)	20
End Plate - Disconnect Plate							
Width 1,2 mm - Polyamide 66	Grey	NPP PUK 3 S	450 169	10	NPP PUK 3 S	450 169	10
 <p>NPP PUK 3 S</p>							
Cross Connection							
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		UK 2,5/2	480 132	25	UK 2,5/2	480 132	25
		UK 2,5/3	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 2,5/10	480 139	5	UK 2,5/10	480 139	5
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 4 mm ² / 4 mm ² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3			1 / B3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
See pages 166-177 for usage of Dekafix				See pages 166-177 for usage of Dekafix			

PUK 3 SLD (PNP)

Width: 6 mm

324 429

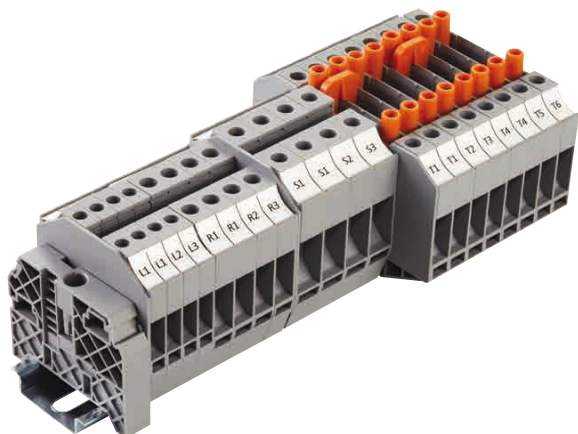
324 420



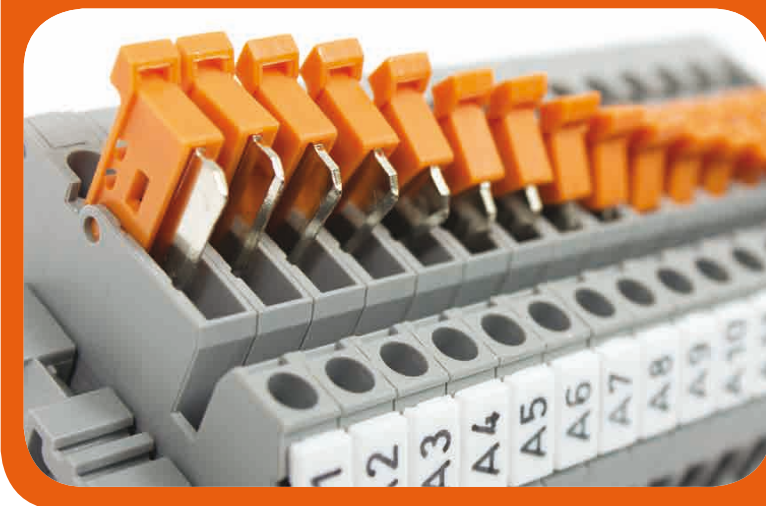
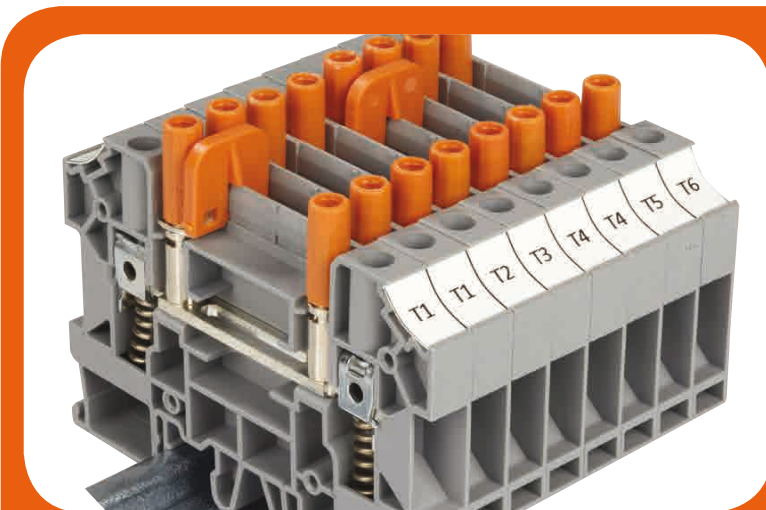
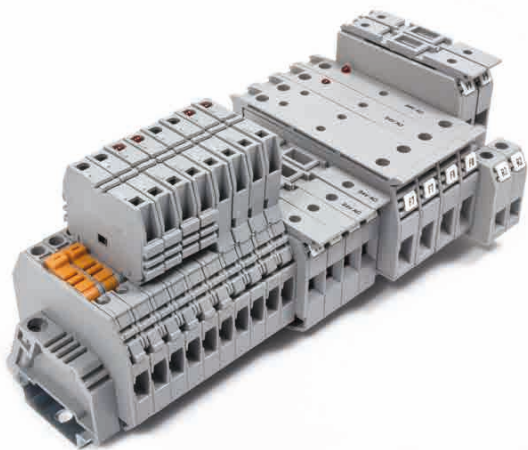
Voltage / Current / Cross-Section	
- V ~ / 24 A / 2,5 mm ²	
0,5 - 4 mm ² / 0,5 - 4 mm ²	
24 - 12 / 0,5 - 2,5 mm ²	
8 mm / 0,4 - 0,6 Nm	
IKT 3 (0,6x3,5)	
Type	Cat. No.
PUK 3 SLD (PNP)	324 429 (24 VDC)
	20
Type	Cat. No.
NPP PUK 3 S	450 169
	10
Type	Cat. No.
UK 2,5/2	480 132
	25
UK 2,5/3	480 133
	20
UK 2,5/4	480 134
	15
UK 2,5/10	480 139
	5
0,2 - 4 mm ² / 4 mm ² / 32 A	
6 kV / 3	
1 / B3	
IP 20 / -	

See pages 166-177 for usage of Dekafix

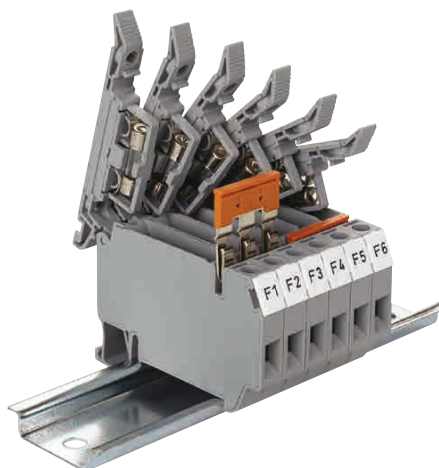
Screw Connection Disconnect / Test and Disconnect / Fuse Terminals



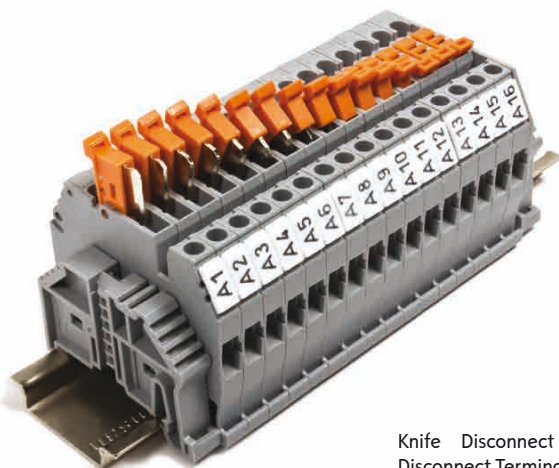
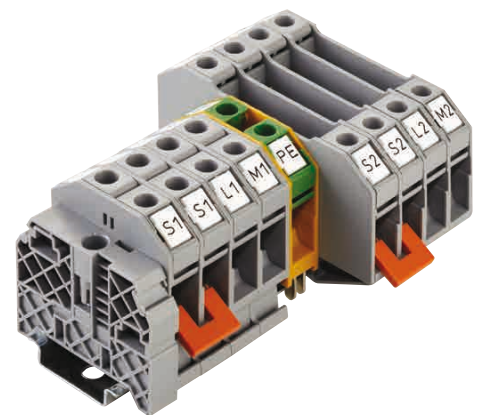
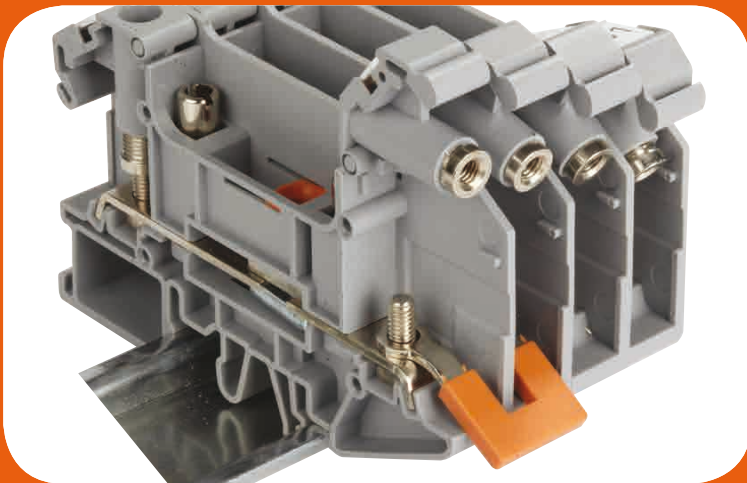
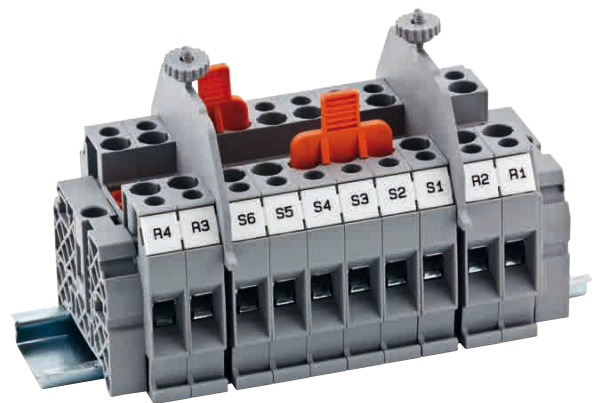
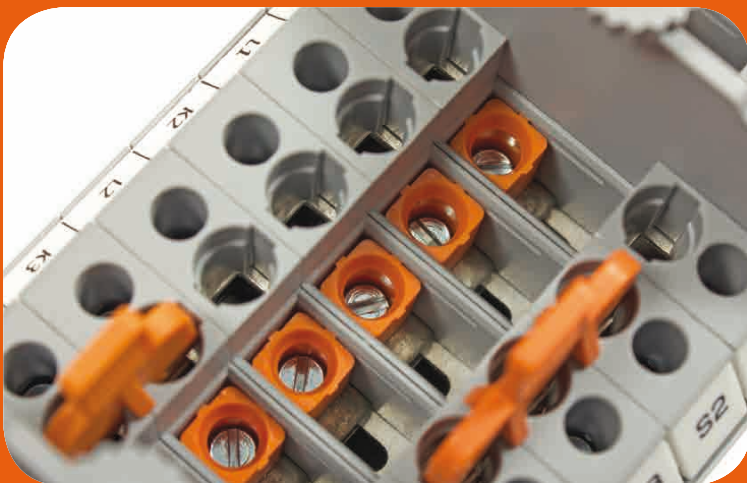
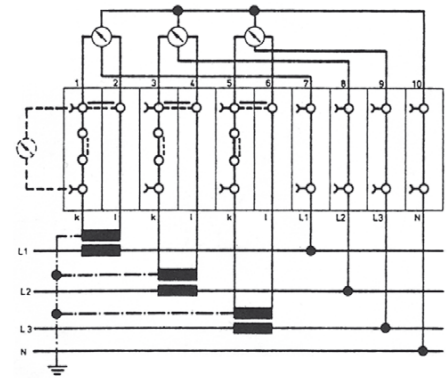
WGO Y Series Test and Disconnect Terminals provide safe connection with spring force under the contact of the terminal block. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section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

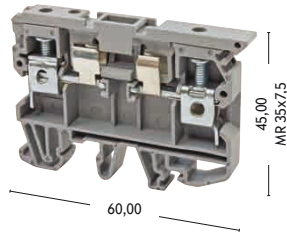
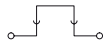
Knife Disconnect System, enables Screw Connection Disconnect Terminals to switch energy in the system. Marking solutions can be provided by Plotter Labeling.

ASK 2 B

Width: 8 mm

360 119

360 110

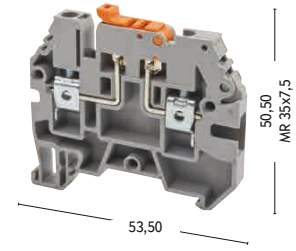
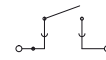





ASK 3 A

Width: 6,2 mm

353 109

353 100



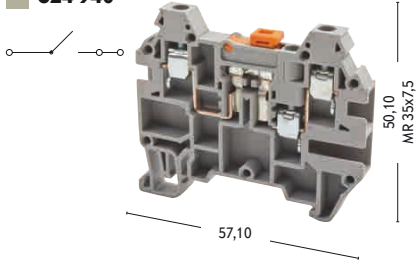
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 6,3 A / 6 mm ²			500 V ~ / 16 A / 4 mm ²			
UL / CSA	300 V ~ / 6,3 A / AWG 26 - 8			600 V ~ / 16 A / AWG 26 - 10			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 10 mm ² / 1,5 - 10 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 8 / 1,5 - 6 mm ²			26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	12 mm / 0,8 - 1,2 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data							
Polyamide 66	Grey	ASK 2 B	Cat. No. 360 119	Qty. 25	ASK 3 A	Cat. No. 353 109	Qty. 50
End Plate							
Width 1,2 mm - Polyamide 66	Grey	NPP ASK 2	Cat. No. 450 049	Qty. 25	NPP ASK 3	Cat. No. 450 059	Qty. 10
 NPP ASK 3		 NPP ASK 2					
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							
• Max.clamping range / Max. technical data		0,5 - 10 mm ² / 10 mm ² / 6,3 A			0,2 - 6 mm ² / 6 mm ² / 16 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B5			1 / B4		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
See pages 166-177 for usage of Dekafix				See pages 166-177 for usage of Dekafix			

AVK 2,5 EA

Width: 6 mm

324 949

324 940

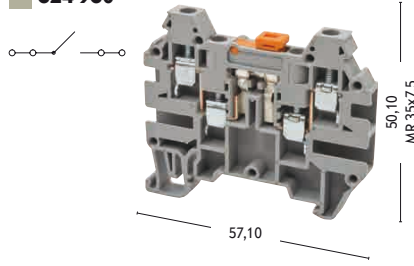


AVK 2,5 CCA

Width: 6 mm

324 939

324 930



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
400 V / 16 A / 2,5 mm ²			400 V / 16 A / 2,5 mm ²		
0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
26 - 12 / 0,5 - 2,5 mm ²			26 - 12 / 0,5 - 2,5 mm ²		
10 mm / 0,4 - 0,6 Nm			10 mm / 0,4 - 0,6 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 2,5 EA	324 949	80	AVK 2,5 CCA	324 939	80
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP AVK 2,5 CC	444 139	25	NPP AVK 2,5 CC	444 139	25
0,2 - 4 mm ² / 4 mm ² - 16 A			0,2 - 4 mm ² / 4 mm ² - 16 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

Klemsan®

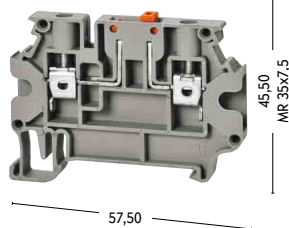
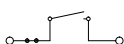
Disconnect Terminals

AVK 4 A

Width: 6 mm

■ 304 380

■ 304 389

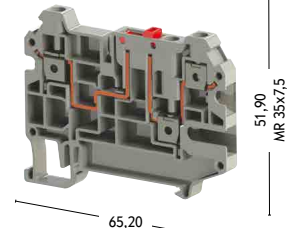
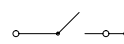



AVK 4 CEA

Width: 6 mm

■ 325 239

■ 325 230



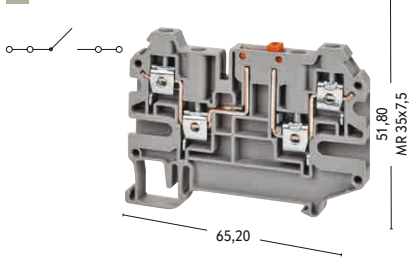
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 16 A / 4 mm ²			500 V ~ / 20 A / 4 mm ²		
UL / CSA						
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0,5 - 0,4 mm ²					
Insulation Stripping Length / Torque	10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm		
Screwdriver	IKT 2 (0,5x3,0)			IKT 2 (0,5x3,0)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey AVK 4 A	304 380	50	AVK 4 CEA	325 239	50
	AVK 4 A	304 389	50	AVK 4 CEA	325 230	50
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Grey NPP AVK 4 R - A	450 330	25	NPP AVK 4 CC-CCA	450 349	25
	NPP AVK 4 R - A	450 339	25	NPP AVK 4 CC-CCA	450 340	25
 NPP ASK 3						
Push-in Cross Connection	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	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 4/4	476 234	15	UK 4/4	476 234	15
	UK 4/10	476 239	5	UK 4/10	476 239	5
Technical Data						
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ² - 16 A			0,2 - 6 mm ² / 6 mm ²		
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B4		
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

AVK 4 CCA

Width: 6 mm

325 219

325 210

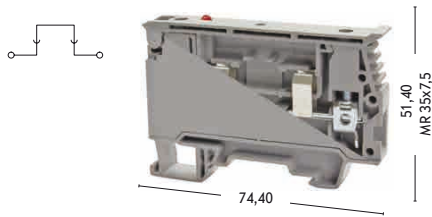


ASK 4 B

Width: 10 mm

360 129

360 120



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 20 A / 4 mm ²			750 V ~ / 6,3 A / 6 mm ²		
			600 V ~ / 6,3 A / AWG 22 - 8		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 10 mm ² / 1,5 - 10 mm ²		
10 mm / 0,5 - 0,8 Nm			26 - 8 / 1,5 - 6 mm ²		
IKT 2 (0,5x3,0)			10 mm / 0,5 - 0,8 Nm		
IKT 2 (0,5x3,0)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 4 CCA		50	ASK 4 B	360 129	20
AVK 4 CCA		50			
Type	Cat. No.	Qty.			
NPP AVK 4 CC-CCA	450 349	25			
NPP AVK 4 CC-CCA	450 340	25			
Type	Cat. No.	Qty.			
UK 4/2	474 232	25			
UK 4/3	474 233	20			
UK 4/4	474 234	15			
UK 4/10	474 239	5			
0,2 - 6 mm ² / 6 mm ²			0,5 - 10 mm ² / 10 mm ² - 6,3 A		
6 kV / 3			6 kV / 3		
1 / B4			1 / B5		
IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

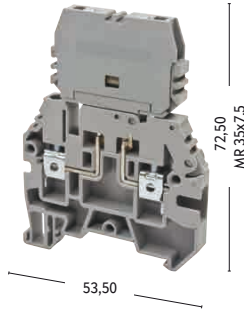
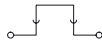
Screw Type Disconnect Terminals

ASK 3 FB

Width: 6,2 mm

362 009

362 000

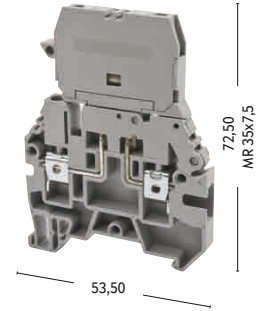
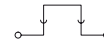




ASK 3 MB

Width: 6,2 mm

363 009

363 000



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 16 A / 4 mm ²			500 V ~ / 16 A / 4 mm ²			
UL / CSA	600 V ~ / 10 A / AWG 26 - 10			600 V ~ / 10 A / AWG 26 - 10			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0,5 - 4 mm ²			26 - 8 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data							
Polyamide 66	Grey	ASK 3 FB	Cat. No. 362 009	Qty. 20	ASK 3 MB	Cat. No. 363 009	Qty. 20
End Plate							
Width 1,2 mm - Polyamide 66	Grey	NPP ASK 3	Cat. No. 450 059	Qty. 10	NPP ASK 3	Cat. No. 450 059	Qty. 10
 <p>NPP ASK 3</p>							
Push-in Cross Connection							
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		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 4/4	476 234	15	UK 4/4	476 234	15
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 6 mm ² / 6 mm ² / 16 A			0,2 - 6 mm ² / 6 mm ² / 16 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4			1 / B4		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
See pages 166-177 for usage of Dekafix				See pages 166-177 for usage of Dekafix			

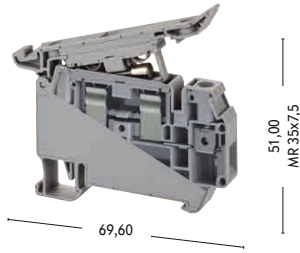
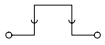
ASK 5 B

Width: 8 mm



353 419

353 410



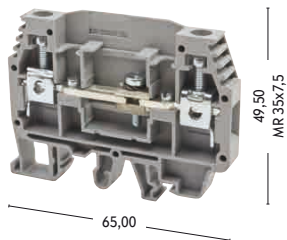
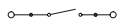
Voltage / Current / Cross-Section		
500 V ~ / 10 A / 4 mm ²		
0,5 - 6 mm ² / 0,5 - 6 mm ²		
26 - 10 / 0,5 - 4 mm ²		
9 mm / 0,5 - 1,0 Nm		
IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.
ASK 5 B	353 419	50
ASK 5 B	353 410	50
Type	Cat. No.	Qty.
Type	Cat. No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 245	5
0,2 - 6 mm ² / 6 mm ² - 10 A		
6 kV / 3		
1 / B4		
IP 20 / -		

See pages 166-177 for usage of Dekafix

WGO Series Test / Disconnect Terminals

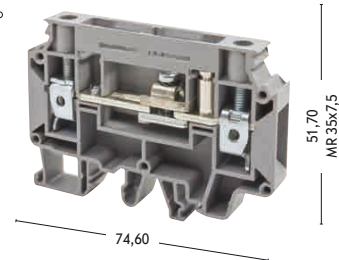
WGO 1

Width: 8 mm
370 5...



WGO 2 N

Width: 10 mm
375 8..



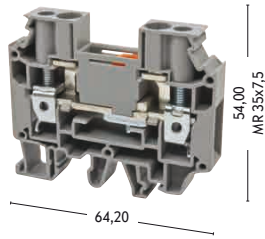
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		400 V ~ / 41 A / 6 mm ²			400 V ~ / 57 A / 10 mm ²		
UL / CSA		300 V ~ / 50 A / AWG 20 - 8					
ATEX		250 V ~ / 41 A					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 10 mm ² / 1,5 - 10 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²		
AWG Conductor / Fine Strand with Ferrule		20 - 8 / 1,5 - 6 mm ²			16 - 8 / 1,5 - 10 mm ²		
Insulation Stripping Length / Torque		12 mm / 0,8 - 1,2 Nm			12 mm / 1,2 - 1,8 Nm		
Screwdriver		IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66 / Grey	Without Socket - Beige	WGO 1	370 500 - 370 590	60	WGO 2 N	375 800 - 375 890	50
	One Socket - Beige / Grey	WGO 1	370 501 - 370 591	60	WGO 2 N	375 801 - 375 891	50
	Double Socket - Beige / Grey	WGO 1			WGO 2 N	375 804 - 375 894	50
	One Test Socket - Beige / Grey	WGO 1	370 503 - 370 593	60	WGO 2 N	375 803 - 375 893	50
	Double Test Socket - Beige / Grey	WGO 1			WGO 2 N	375 802 - 375 892	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Beige	NPP WGO 1	450 100	5	NPP WGO 2 N	450 230	25
	Grey	NPP WGO 1	450 109	5	NPP WGO 2 N	450 239	25
Cross Connection / Ayırma Adaptor		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	IZUK	IZUK 6/2	476 302	10	IZUK 10/2	476 402	10
	WGO - UAA	IZUK 6/3	476 303	10	IZUK 10/3	476 403	10
		IZUK 6/4	476 304	10	IZUK 10/4	476 404	10
	IZUK 10W/6	IZUK 6/6	476 306	10	IZUK 10/6	476 406	10
		IZUK 6/10	476 309	5	IZUK 10/10	476 409	5
		WGO UAA	498 300	1			
	Test Plug		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		TF (Q4)	493 040	5	TF (Q4)	493 040	5
Comb Connector		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		TKO 6/2	476 282	25	TKO 10/2	476 292	25
		TKO 6/3	476 283	20	TKO 10/3	476 293	20
		TKO 6/4	476 284	15	TKO 10/4	476 294	15
		TKO 6/10	476 289	5	TKO 10/10	476 299	5
Technical Data							
• Max.clamping range / Max. technical data		0,5 - 10 mm ² / 10 mm ² - 57 A			1,5 - 16 mm ² / 16 mm ² - 57 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			4 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B5			1 / B6		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

See page 202 for usage **Test Plugs**.

WGO 2 IR

Width: 10 mm

375 909

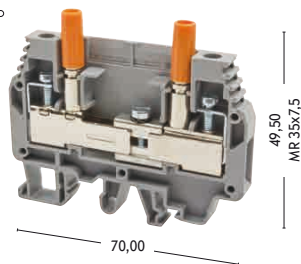


Voltage / Current / Cross-Section		
500 V ~ / 57 A / 10 mm ²		
400 V ~ / 57 A		
1,5 - 16 mm ² / 1,5 - 16 mm ²		
16 - 8 / 1,5 - 10 mm ²		
12 mm / 1,2 - 1,8 Nm		
IKT 4 (0,8x4,0)		
Type	Cat. No.	Qty.
WGO 2 IR	375 900 - 375 909	50
Type	Cat. No.	Qty.
NPP WGO 2 IR	450 240	5
NPP WGO 2 IR	450 249	5
Type	Cat. No.	Qty.
IZUK 10W/2	476 502	10
IZUK 10W/3	476 503	10
IZUK 10W/4	476 504	10
IZUK 10W/6	476 506	10
IZUK 10W/10	476 509	10
Type	Cat. No.	Qty.
TF (Q4)	493 040	5
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
1,5 - 16 mm ² / 16 mm ² - 57 A		
6 kV / 3		
1 / B6		
IP 20 / -		
See pages 166-177 for usage of Dekafix		

WGO Series Test / Disconnect Terminals

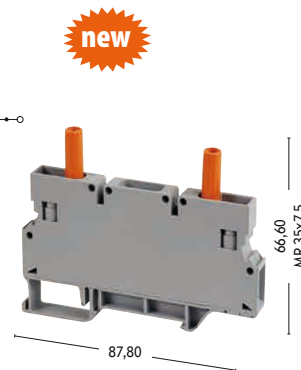
WGO 3

Width: 8 mm
375 6...



WGO 4

Width: 8 mm
376 0...



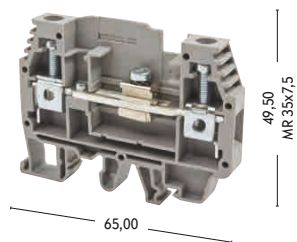
Electrical Ratings		Voltage / Current / Cross-Section									
CE (EN 60947-7-1)		400 V ~ / 41 A / 6 mm ²					800 V ~ / 41 A / 6 mm ²				
UL / CSA		300 V ~ / 43 A / AWG 20 - 8									
ATEX		250 V ~ / 41 A									
Connection Data											
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 10 mm ² / 1,5 - 10 mm ²					0,5 - 10 mm ² / 1,5 - 10 mm ²				
AWG Conductor / Fine Strand with Ferrule		20 - 8 / 1,5 - 6 mm ²					26 - 8 / 1,5 - 6 mm ²				
Insulation Stripping Length / Torque		12 mm / 0,8 - 1,2 Nm					12 mm / 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.				
Polyamide 66	Without Socket - Beige / Grey	WGO 3	375 600 - 375 690	50	WGO 4 (Beige)	376 000	50				
	One Socket - Beige / Grey	WGO 3	375 601 - 375 691	50	WGO 4 (Grey)	376 090	50				
	Double Socket - Beige / Grey	WGO 3	375 604 - 375 694	50	WGO 4 (Beige) without socket	376 001	50				
	One Test Socket - Beige / Grey	WGO 3	375 603 - 375 693	50	WGO 4 (Grey) without socket	376 091	50				
	Double Test Socket - Beige / Grey	WGO 3	375 602 - 375 692	50							
End Plate		Type	Cat. No.	Qty.							
	Beige	NPP WGO 3	450 220	25							
	Grey	NPP WGO 3	450 229	25							
Plastic Cover					Type	Cat. No.	Qty.				
					WGO 4PK	423 194	100				
Cross Connection / Ayırma Adaptor		Type	Cat. No.	Qty.	Type	Cat. No.	Mik	Type	Cat. No.	Mik	
	IZUK		IZUK 6/2	476 302	10	IZUK 6/2	476 302	10	UK 6/2	476 242	25
	WGO - UAA		IZUK 6/3	476 303	10	IZUK 6/3	476 303	10	UK 6/3	476 243	20
	IZUK 10W/6		IZUK 6/4	476 304	10	IZUK 6/4	476 304	10	UK 6/4	476 244	15
			IZUK 6/6	476 306	10	IZUK 6/6	476 306	10			
			IZUK 6/10	476 309	5	IZUK 6/10	476 309	5	UK 6/10	476 249	5
			WGO UAA	498 300	1						
Test Plug		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.				
		TF (Q4)	493 040	5	TF (Q4)	493 040	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		0,5 - 10 mm ² / 10 mm ² - 57 A			0,5 - 10 mm ² / 10 mm ² - 57 A						
• Max.clamping range / Max. technical data		6 kV / 3			6 kV / 3						
• Rated Impulse Voltage / Pollution severity		1 / B5			1 / B5						
• Insulation material group / Gauge pin code according to IEC 60947-1		IP 20 / -			IP 20 / -						
• Protection class / Protection conductor type											
Marking Tags (Dekafix)		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix						

See page 202 for usage **Test Plugs**.

WGL 1

Width: 8 mm

375 790



Voltage / Current / Cross-Section		
400 V ~ / 41 A / 6 mm ²		
300 V ~ / 50 A / AWG 20 - 8		
0,5 - 10 mm ² / 1,5 - 10 mm ²		
20 - 8 / 1,5 - 6 mm ²		
12 mm / 0,8 - 1,2 Nm		
IKT 4 (0,8x4,0)		
Type	Cat. No.	Qty.
WGL 1	375 700 - 375 790	60
WGL 1	375 701 - 375 791	60
WGL 1	375 702 - 375 792	60
Type	Cat. No.	Qty.
NPP WGO 1 - 2	450 100	5
NPP WGO 1 - 2	450 109	5
Type	Cat. No.	Qty.
IZUK 6/2	476 302	10
IZUK 6/3	476 303	10
IZUK 6/4	476 304	10
IZUK 6/6	476 306	10
IZUK 6/10	476 309	5
WGO UAA	498 300	1
Type	Cat. No.	Qty.
TF (Q4)	493 040	5
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
0,5 - 10 mm ² / 10 mm ² - 57 A		
6 kV / 3		
1 / B5		
IP 20 / -		
See pages 166-177 for usage of Dekafix		

See page 202 for usage **Test Plugs**.

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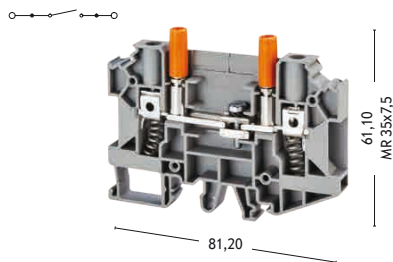
WGO Y Series

Test / Disconnect

Terminals

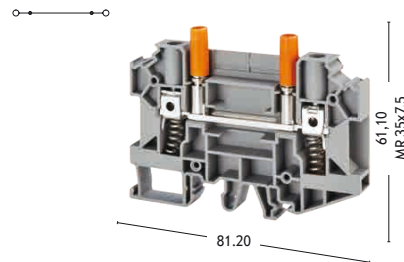
WGO Y 6



Width: 8 mm
375 919



WGO YD 6

Width: 8 mm
375 929



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	800 V ~ / 41 A / 6 mm ²			800 V ~ / 41 A / 6 mm ²			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 10 mm ² / 0,5 - 10 mm ²			0,5 - 10 mm ² / 0,5 - 10 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 8 / 0,5 - 6 mm ²			26 - 8 / 0,5 - 6 mm ²			
Insulation Stripping Length / Torque	12 mm / 0,8 - 1,2 Nm			12 mm / 0,8 - 1,2 Nm			
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)			
Ordering Data							
Polyamide 66	Grey	WGO Y6	375 919	50	WGO YD6	375 929	50
	Beige	WGO Y6	375 910	50	WGO YD6	375 920	50
End Plate							
	Grey	NPP WGO Y6	450 279	25	NPP WGO YD6	450 279	25
	Beige	NPP WGO Y6	450 270	25	NPP WGO YD6	450 270	25
Cross Connection							
		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 6/10	476 309	10	IZUK 6/10	476 309	10
		WGO UAA	498 300	1	WGO UAA	498 300	1
Test Plug							
		TF (Q4)	493 040	5	TF (Q4)	493 040	5
Technical Data							
• Max.clamping range / Max. technical data	0,5 - 10 mm ² / 57 A			0,5 - 10 mm ² / 57 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A5			1 / A5			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix			

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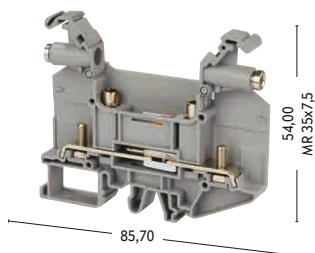
WGO PB Series

Test / Disconnect

Terminals

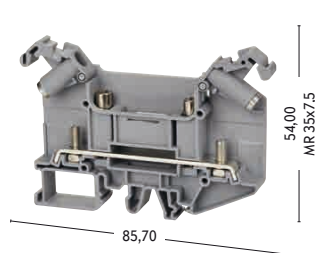
WGO PB 6




Width: 11 mm
375 939



WGO PBD 6

Width: 11 mm
375 949



Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			WGO PB Series	
CE (EN 60947-7-1 / EN 60947-7-2)	800 V ~ / 41 A / 6 mm ²			800 V ~ / 41 A / 6 mm ²			590 012	KYK-401*
UL / CSA	600 V / 45 A / AWG 22 - 8						590 013	KYK-501*
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			590 021	KYK-402**
AWG Conductor / Fine Strand with Ferrule	22 - 8			22 - 8			590 022	KYK-502**
Insulation Stripping Length / Torque	- / 0,8 - 1,2 Nm			- / 0,8 - 1,2 Nm			590 030	KYK-406***
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			590 031	KYK-506***
Ordering Data								
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	Grey	WGO PB6	375 939	25	WGO PBD6	375 949	25	
	Beige	WGO PB6	375 930	25	WGO PBD6	375 940	25	
End Plate								
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	Grey	NPP WGO PB6	450 319	25	NPP WGO PB6	450 319	25	
	Beige	NPP WGO PB6	450 310	25	NPP WGO PB6	450 310	25	
Comb Connector								
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	TKO-PB 6/2	476 802	25	TKO-PB 6/2	476 802	25		
	TKO-PB 6/3	476 803	20	TKO-PB 6/3	476 803	20		
	TKO-PB 6/4	476 804	15	TKO-PB 6/4	476 804	15		
	TKO-PB 6/7	476 807	5	TKO-PB 6/7	476 807	5		
Test Plug								
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	TF (Q4)	493 040	5	TF (Q4)	493 040	5		
Technical Data								
• Max.clamping range / Max. technical data	0,5 - 6 mm ² / 41 A			0,5 - 6 mm ² / 6 mm ² - 41 A				
• Rated Impulse Voltage / Pollution severity	6 kV / 3			8 kV / 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 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix				

* 0,5 - 1,5 mm²

** 1,5 - 2,5 mm²

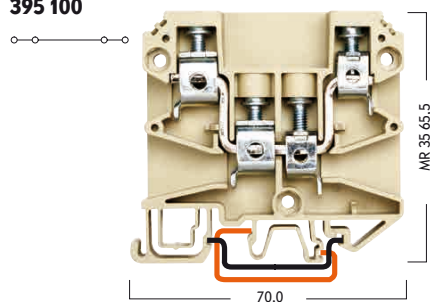
*** 4 - 6 mm²

* You can find the ordering data of the terminals which are suitable for WGO PB series as above. See page 206 for usage of Terminals.

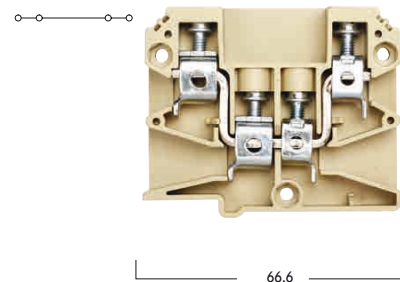
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Distribution Terminals


AYK 10/16
Width: 11 mm
395 100



AYK 10/16
Width: 11 mm
395 200



CE

Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		750 V ~ / 76 A / 16 mm ²			750 V ~ / 76 A / 16 mm ²		
Connection Data		Ek Bağlantı			Ek Bağlantı		
Solid Strand, Screw Con. - Fine Strand, Screw Con.		2,5 - 25 mm ² / 4 - 25 mm ²			2,5 - 25 mm ² / 4 - 25 mm ²		
AWG Conductor / Fine Strand with Ferrule		12 - 4 / 2,5 - 16 mm ²			12 - 4 / 2,5 - 16 mm ²		
Insulation Stripping Length / Torque		16 mm / 1,2 - 2,0 Nm			16 mm / 1,2 - 2,0 Nm		
Screwdriver		IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66		AYK 10/16	395 100	20	AYK 10/16	395 200	20
Beige							
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66		NPP AYK	450 090	10	NPP AYK	450 090	10
Beige							
 NPP AYK							
Technical Data							
• Max.clamping range / Max. technical data		2,5 - 16 mm ² / 16 mm ² - 76 A			2,5 - 16 mm ² / 16 mm ² - 76 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B6			1 / B6		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See pages 166-177 for usage of Dekafix			See pages 166-177 for usage of Dekafix		

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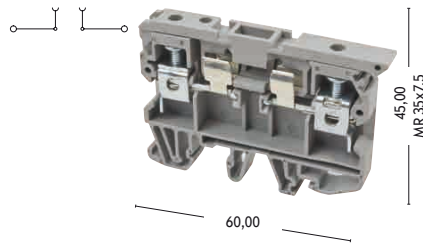
Screw Type Fuse Terminals

ASK 2 S

Width: 8 mm

■ 351 109

■ 351 100

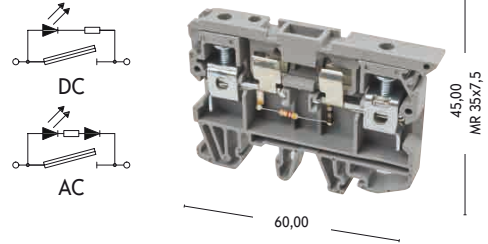


ASK 2 LD

Width: 8 mm

■9

■0



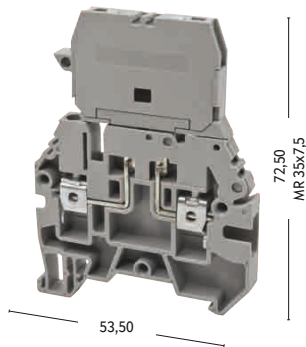
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 6,3 A / 6 mm ²			- V ~ / 6,3 A / 6 mm ²			
UL / CSA	300 V ~ / 6,3 A / AWG 26 - 8			- V ~ / 6,3 A / AWG 26 - 8			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 10 mm ² / 1,5 - 10 mm ²			0,5 - 10 mm ² / 1,5 - 10 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 8 / 1,5 - 6 mm ²			26 - 8 / 1,5 - 6 mm ²			
Insulation Stripping Length / Torque	12 mm / 0,8 - 1,2 Nm			12 mm / 0,8 - 1,2 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	ASK 2 S	351 109	50	ASK 2 LD	351 219 (24V AC)	25
	Grey				ASK 2 LD	351 229 (24V DC)	25
	Grey				ASK 2 LD	351 319 (48V AC)	25
	Grey				ASK 2 LD	351 329 (48V DC)	25
	Grey				ASK 2 LD	351 519 (110V AC)	25
	Grey				ASK 2 LD	351 529 (110V DC)	25
	Grey				ASK 2 LD	351 619 (220V AC)	25
	Grey				ASK 2 LD	351 629 (220V DC)	25
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP ASK 2	450 049	25	NPP ASK 2	450 040 / 450 049	25
Push-in Cross Connection							
Technical Data							
• Max.clamping range / Max. technical data	0,5 - 10 mm ² / 10 mm ² - 6,3 A			0,5 - 10 mm ² / 10 mm ² - 6,3 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 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 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			

ASK 3 M

Width: 6,2 mm

355 109

355 100

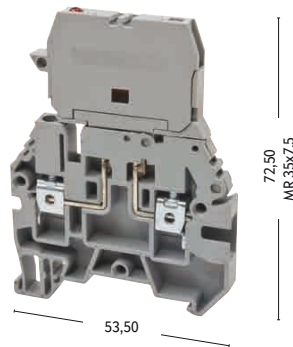
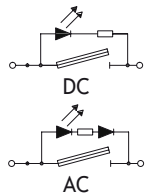


ASK 3 MLD

Width: 6,2 mm

... 9

... 0



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 10 A / 4 mm ²			- V ~ / 10 A / 4 mm ²		
600 V ~ / 10 A / AWG 26 - 10			- V ~ / 10 A / AWG 26 - 10		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ASK 3 M	355 109	30	ASK 3 MLD	355 219 (24V AC)	30
			ASK 3 MLD	355 229 (24V DC)	30
			ASK 3 MLD	355 319 (48V AC)	30
			ASK 3 MLD	355 329 (48V DC)	30
			ASK 3 MLD	355 519 (110V AC)	30
			ASK 3 MLD	355 529 (110V DC)	30
			ASK 3 MLD	355 619 (220V AC)	30
			ASK 3 MLD	355 629 (220V DC)	30
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP ASK 3	450 059	10	NPP ASK 3	450 059	10
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
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 4/4	476 234	15	UK 4/4	476 234	15
0,2 - 6 mm ² / 6 mm ² - 10 A			0,2 - 6 mm ² / 6 mm ² - 10 A		
6 kV / 3			6 kV / 3		
1 / B4			1 / B4		
IP 20 / -			IP 20 / -		
See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.		

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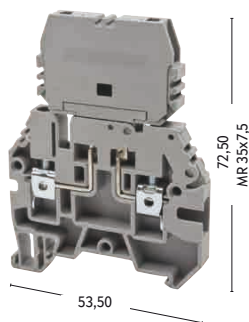
Screw Type Fuse Terminals

ASK 3 F

Width: 6.2 mm

■ 354 109

■ 354 100

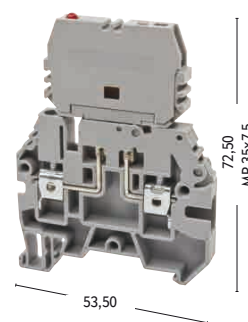
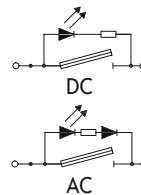





ASK 3 FLD

Width: 6.2 mm

■ ...9

■ ...0

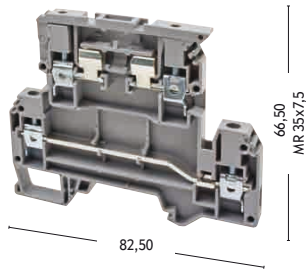


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 10 A / 4 mm ²			- V ~ / 10 A / 4 mm ²			
UL / CSA	600 V ~ / 10 A / AWG 26 - 10			- V ~ / 10 A / AWG 26 - 10			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	ASK 3 F	354 109	30	ASK 3 FLD	354 219 (24V AC)	30
	Grey				ASK 3 FLD	354 229 (24V DC)	30
	Grey				ASK 3 FLD	354 319 (48V AC)	30
	Grey				ASK 3 FLD	354 329 (48V DC)	30
	Grey				ASK 3 FLD	354 519 (110V AC)	30
	Grey				ASK 3 FLD	354 529 (110V DC)	30
	Grey				ASK 3 FLD	354 619 (220V AC)	30
	Grey				ASK 3 FLD	354 629 (220V DC)	30
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP ASK 3	450 059	10	NPP ASK 3	450 059	10
 							
Push-in Cross Connection							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
							
	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 4/4	476 234	15	UK 4/4	476 234	15	
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ² - 10 A			0,2 - 6 mm ² / 6 mm ² - 10 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B4			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 fuse.			See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 fuse.			

AVK 4 FS

Width: 8 mm

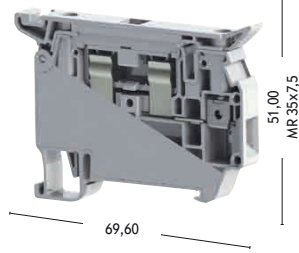
- 353 309**
- 353 300**



ASK 5

Width: 8 mm

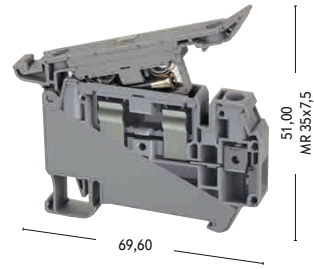
- 353 409**
- 353 400**



ASK 5 LD

Width: 8 mm

- 353 429**
- 353 439**



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 6,3 A / 4 mm ² - 500 V ~ / 32 A / 4 mm ²			500 V ~ / 10 A / 4 mm ²			- V ~ / 10 A / 4 mm ²		
300 V ~ / 6,3 A / 24 - 10 AWG - 300 V ~ / 30 A / AWG 24 - 10								
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 1,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
24 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,5 - 0,8 Nm			9 mm / 0,5 - 1,0 Nm			9 mm / 0,5 - 1,0 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 4 FS	353 309	50	ASK 5	353 409	50	ASK 5 LD 24V	353 429	50
						ASK 5 LD 220V	353 439	50
Type	Cat. No.	Qty.						
NPP AVK 4 FS	450 209	10						
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
0,2 - 6 mm ² / 6 mm ² - 63 A / 41 A			0,2 - 6 mm ² / 6 mm ² - 10 A					
6 kV / 3			6 kV / 3					
1 / B4			1 / B4					
IP 20 / -			IP 20 / -					
See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See pages 166-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.		

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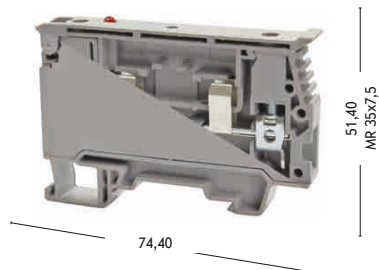
Fuse Terminals for American Standards

ASK 4 S

Width: 10 mm

351 129

351 120



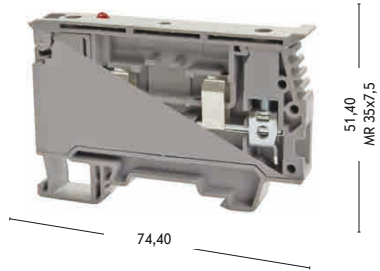
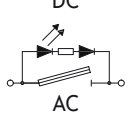
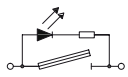
Electrical Ratings		Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-3)		750 V ~ / 6,3 A / 6 mm ²		
UL / CSA		600 V ~ / 6,3 A / AWG 22 - 8		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 10 mm ² / 1,5 - 10 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 8 / 1,5 - 6 mm ²		
Insulation Stripping Length / Torque		12 mm / 0,5 - 0,8 Nm		
Screwdriver		IKT 3 (0,6x3,5)		
Ordering Data		Type	Cat. No.	Qty.
Polyamide 66	Grey	ASK 4 S	351 129	20
	Grey			
	Grey			
	Grey			
	Grey			
	Grey			
	Grey			
	Grey			
Technical Data				
• Max.clamping range / Max. technical data		0,5 - 10 mm ² / 10 mm ² - 6,3 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 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 166-177 for usage of Dekafix Terminals can be used with 6,35 x 31,75 fuse.		

ASK 4 LD

Width: 10 mm

... ..9

... ..0



Voltage / Current / Cross-Section	
- V ~ / 6,3 A / 6 mm ²	
- V ~ / - A / AWG 22 - 8	
0,5 - 10 mm ² / 1,5 - 10 mm ²	
22 - 8 / 1,5 - 6 mm ²	
12 mm / 0,5 - 0,8 Nm	
IKT 3 (0,6x3,5)	
Type	Cat. No.
ASK 4 LD	351 719 (24V AC)
ASK 4 LD	351 729 (24V DC)
ASK 4 LD	351 739 (48V AC)
ASK 4 LD	351 749 (48V DC)
ASK 4 LD	351 759 (110V AC)
ASK 4 LD	351 769 (110V DC)
ASK 4 LD	351 779 (220V AC)
ASK 4 LD	351 789 (220V DC)
0,5 - 10 mm ² / 10 mm ² - 6,3 A	
8 kV / 3	
1 / B5	
IP 20 / -	

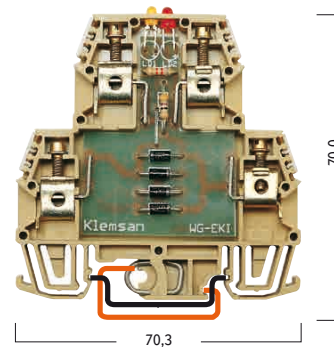
See pages 166-177 for usage of Dekafix
Terminals can be used with 6,35 x 31,75 fuse.

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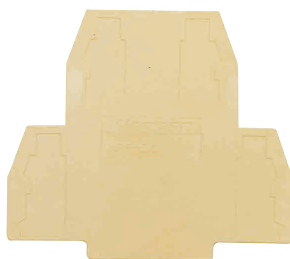
Double Level

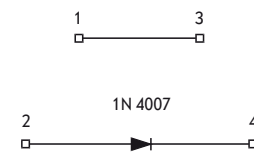
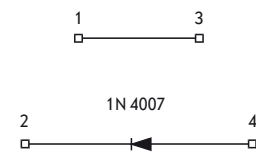
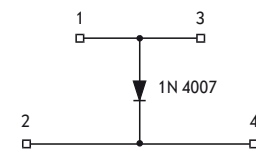
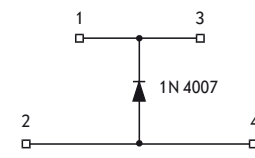
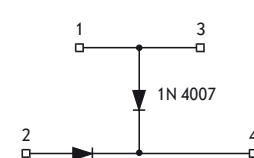
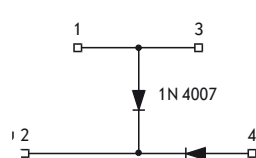
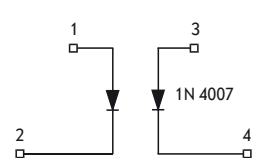
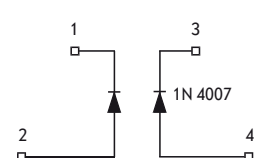
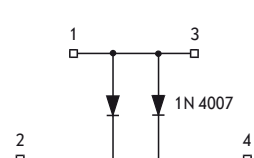
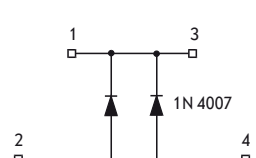
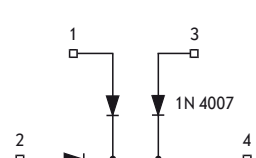
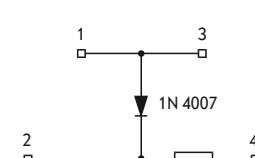
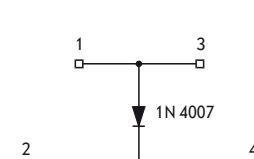
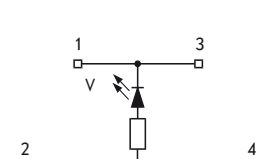
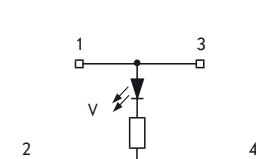
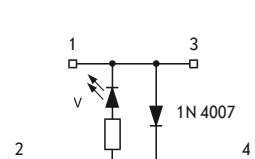
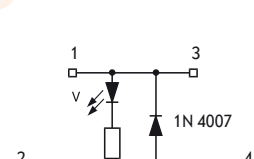
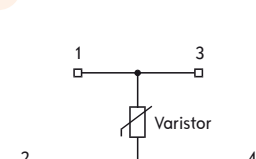
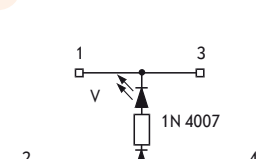
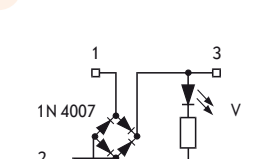
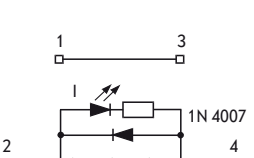
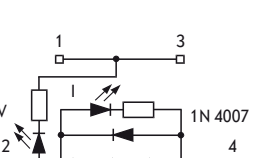
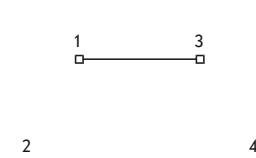
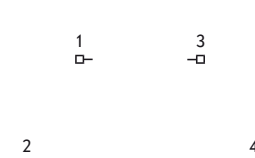
Electronic Terminals

WG - EKI

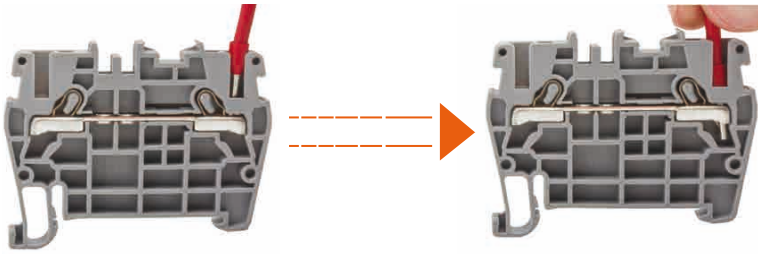


Electrical Ratings			
Terminal Current	10 A		
Diode Voltage	1000 V		
Diode Current	1 A		
Connection Data			
Solid Strand, Screw Connection	0,5 - 6 mm ²		
Fine Strand, Screw Connection	0,5 - 2,5 mm ²		
AWG Conductor	AWG 22 - 12		
Terminal Width	7,5 mm		
Insulation stripping length	7 mm		
Type	Sch.Cir.Dia.	Input Volt.	Cat. No.
WG - EKI	1		110 010
WG - EKI	2		110 020
WG - EKI	3		110 030
WG - EKI	4		110 040
WG - EKI	5		110 050
WG - EKI	6		110 060
WG - EKI	7		110 070
WG - EKI	8		110 080
WG - EKI	9		110 090
WG - EKI	10		110 100
WG - EKI	11		110 110
WG - EKI	12	24 V	110 120
WG - EKI	13	24 V	110 130
WG - EKI	14	24 V DC	110 140
WG - EKI	14	110 V DC	110 150
WG - EKI	14	220 V DC	110 160
WG - EKI	15	24 V DC	110 170
WG - EKI	15	110 V DC	110 180
WG - EKI	15	220 V DC	110 190
WG - EKI	16	24 V DC	110 200
WG - EKI	17	24 V DC	110 210
WG - EKI	18	30 V	110 220
WG - EKI	18	60 V	110 230
WG - EKI	18	75 V	110 240
WG - EKI	18	130 V	110 250
WG - EKI	18	275 V	110 260
WG - EKI	19	24 V AC	110 270
WG - EKI	19	48 V AC	110 280
WG - EKI	19	110 V AC	110 290
WG - EKI	19	220 V AC	110 300
WG - EKI	20	24 V AC	110 310
WG - EKI	20	110 V AC	110 320
WG - EKI	20	220 V AC	110 330
WG - EKI	21	DC	110 340
WG - EKI	22	24 V DC	110 350
WG - EKI	22	48 V DC	110 360
WG - EKI	22	60 V DC	110 370
WG - EKI	23	-	110 380
WG - EKI	24	-	110 390
End Plate	Type	Width	Cat. No.
	NPP - EKI	1,2 mm	111 010



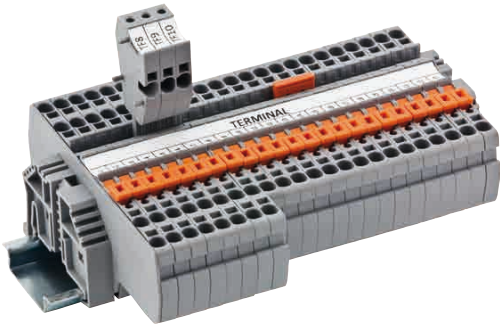
<p>1</p>  <p>Reverse Current Protection</p>	<p>2</p>  <p>Reverse Current Protection</p>	<p>3</p>  <p>Block of Extra Current Generated by Coils</p>	<p>4</p>  <p>Block of Extra Current Generated by Coils</p>
<p>5</p>  <p>Lamp / Test Circuit</p>	<p>6</p>  <p>Lamp / Test Circuit</p>	<p>7</p>  <p>Reverse Current Protection</p>	<p>8</p>  <p>Reverse Current Protection</p>
<p>9</p>  <p>Lamp / Test Circuit</p>	<p>10</p>  <p>Lamp / Test Circuit</p>	<p>11</p>  <p>Lamp / Test Circuit</p>	<p>12</p>  <p>Lamp - LED / Test Circuit</p>
<p>13</p>  <p>Lamp - LED / Test Circuit</p>	<p>14</p>  <p>Voltage Indicator</p>	<p>15</p>  <p>Voltage Indicator</p>	<p>16</p>  <p>Voltage Indicator + Reverse Current Quenching</p>
<p>17</p>  <p>Voltage Indicator + Reverse Current Quenching</p>	<p>18</p>  <p>Overvoltage Protection</p>	<p>19</p>  <p>Voltage Indicator</p>	<p>20</p>  <p>Voltage Indicator + Rectifier</p>
<p>21</p>  <p>Current Indicator</p>	<p>22</p>  <p>Direct Current and Voltage Indicator</p>	<p>23</p>  <p>Terminal with Cross Connection</p>	<p>24</p>  <p>With a printed Circuit Card Only</p>

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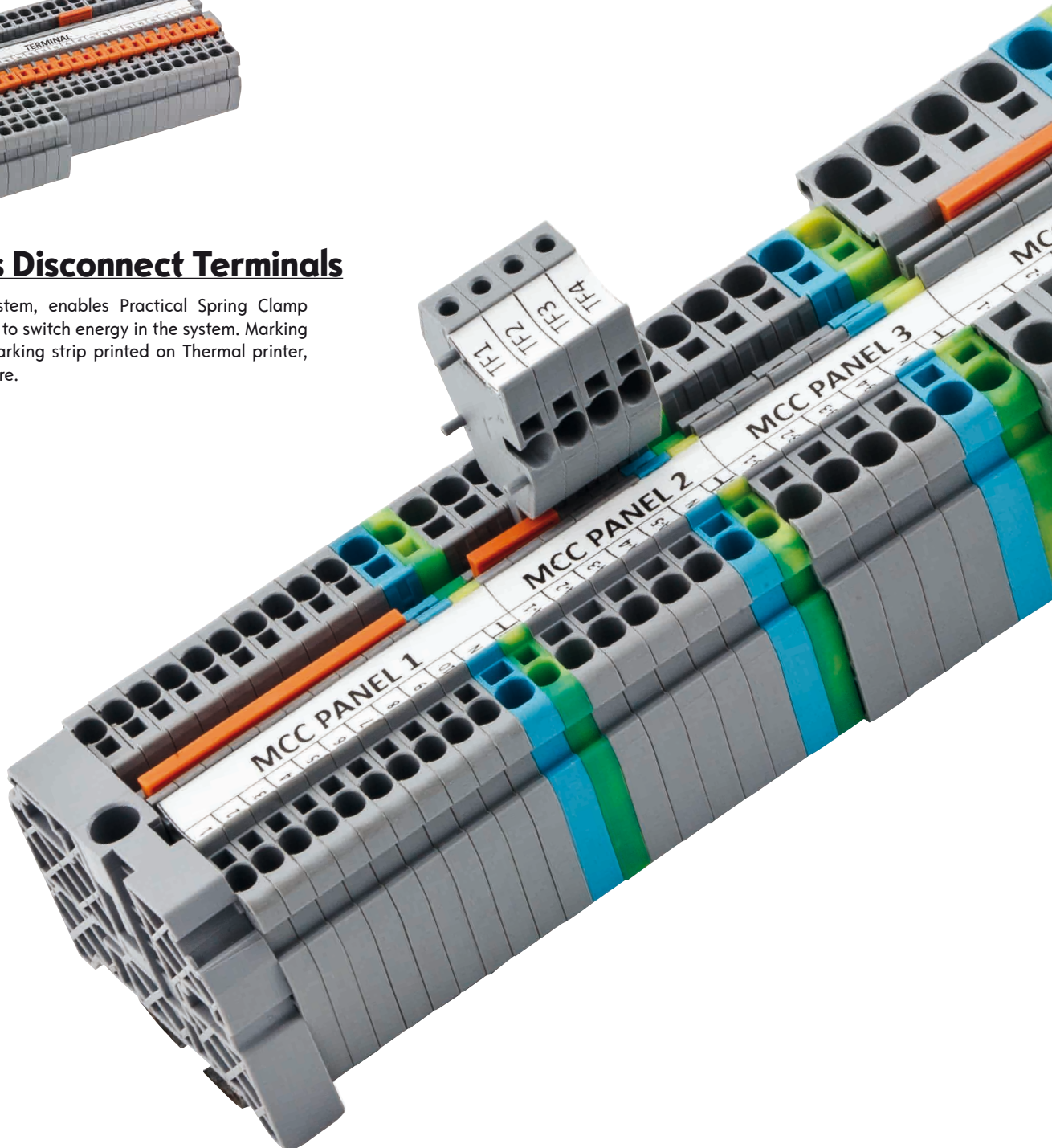
Easy Mounting of PYK Series Terminals

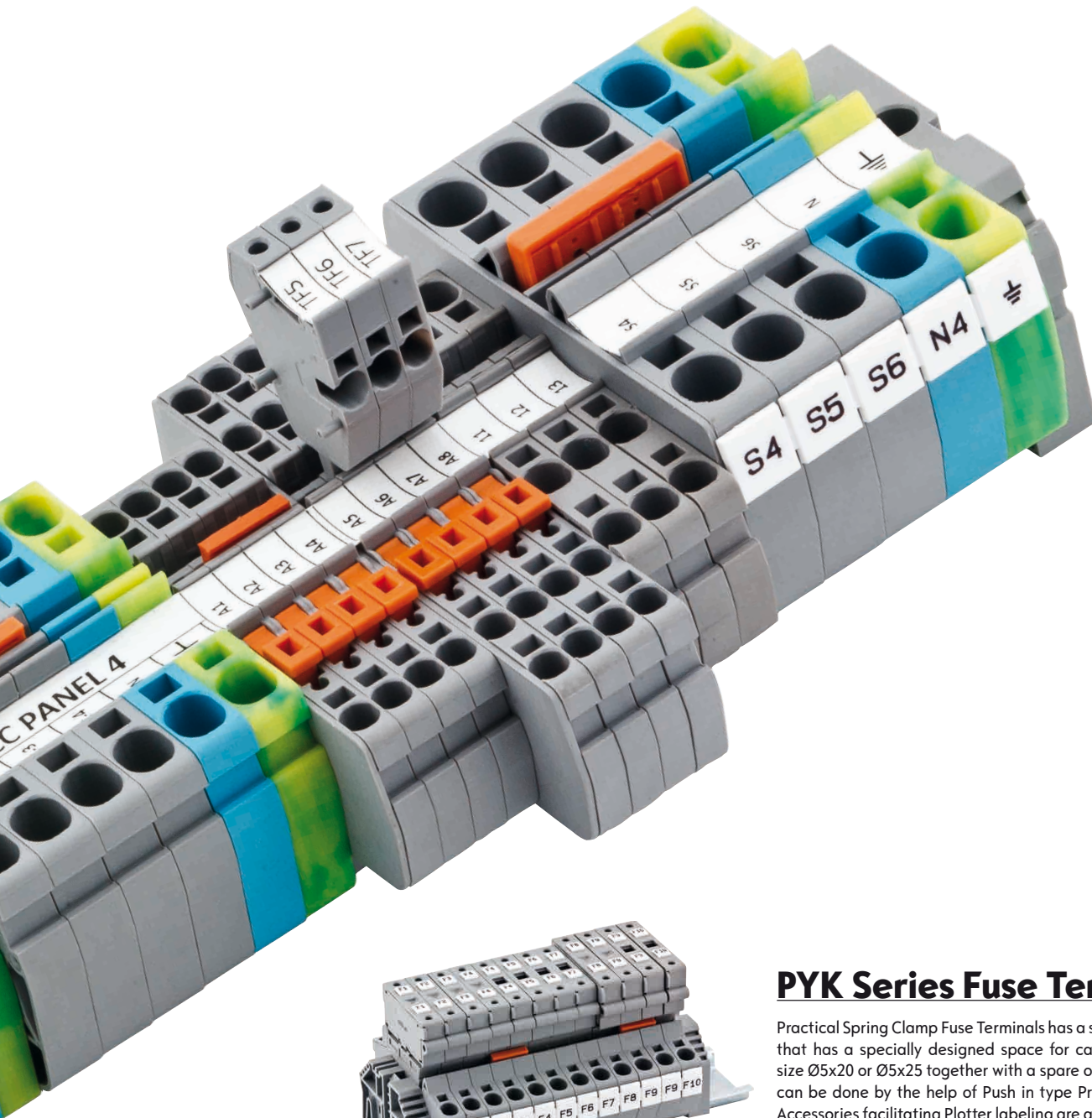
Solid/stranded cables (with ferrules) are connected to the terminal just by pushing-in, without the need to use a screwdriver. The patented design of its spring provides fast and safe connection in heavily vibrating environments.



PYK Series Disconnect Terminals

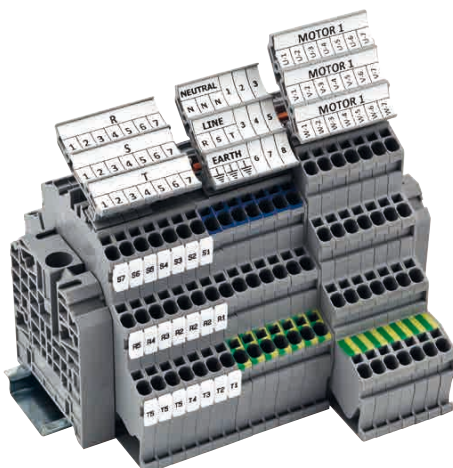
Knife Disconnect System, enables Practical Spring Clamp Disconnect Terminals to switch energy in the system. Marking can be done with marking strip printed on Thermal printer, using Klemark Software.





PYK Series Fuse Terminals

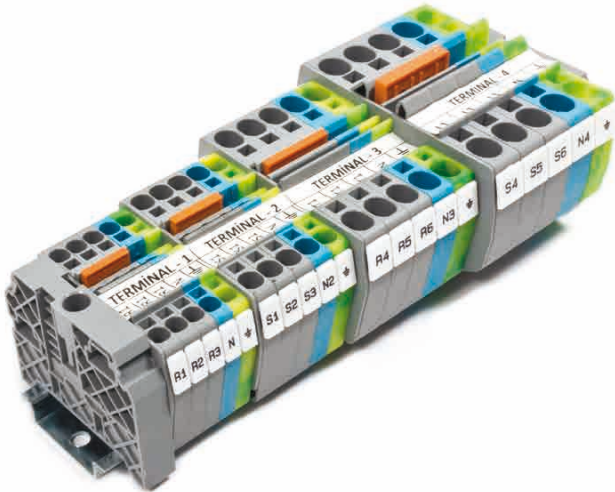
Practical Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. Easy cross-connection can be done by the help of Push in type Practical Cross Connection. Accessories facilitating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



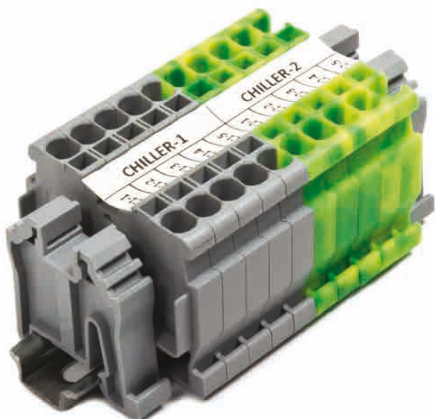
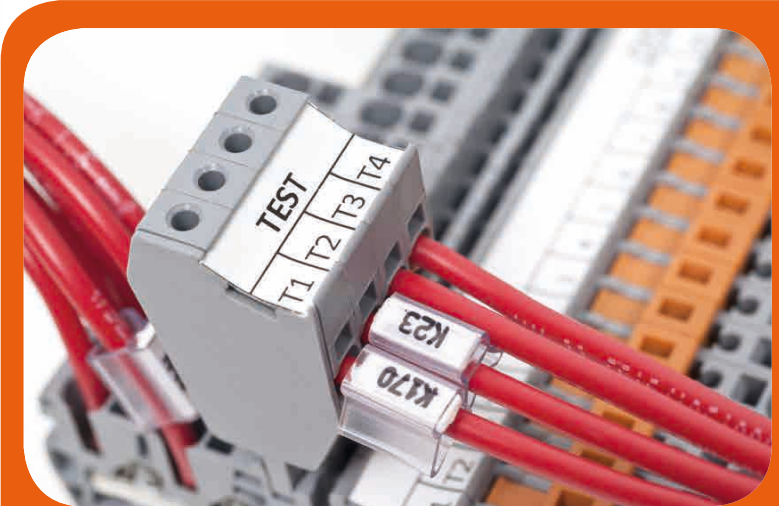
PYK Series Multilevel Terminals

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.

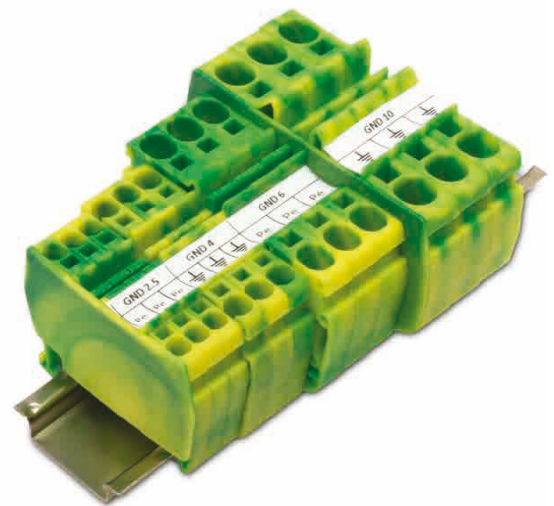
PYK Series Terminals



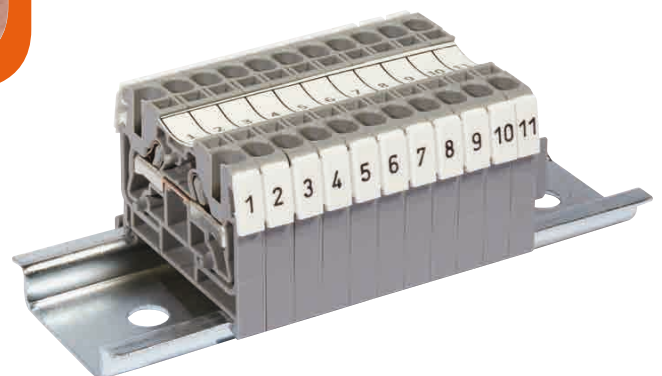
PYK Series Practical Spring Clamp Terminals provide 1,5 10 mm² cross-section range. Screwdriver is not necessary to install wire into the terminal block. Are suitable for usage with or without ferrules. So that to make connection, it is enough to push the cable into the terminal, PYK series provides 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.



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.



PYK Series Earth Terminals provides 1,5 10 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.



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.

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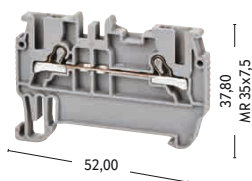
Practical Spring Clamp Terminals

PYK 1,5 M

Width: 4,2 mm



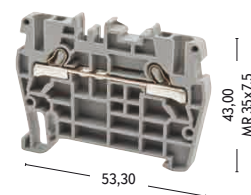
- 307 019
- 307 011
- 307 012
- 307 013
- 307 014
- 307 010



PYK 2,5

Width: 5 mm

- 307 109
- 307 101
- 307 102
- 307 103
- 307 104
- 307 100

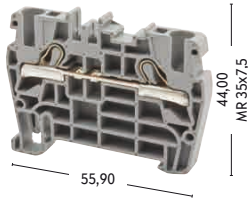


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	800 V ~ / 17,5 A / 1,5 mm ²			800 V ~ / 24 A / 2,5 mm ²			
UL / CSA				600 V ~ / 20 A / AWG 22 - 12			
VDE				800 V ~ / 24 A / 2,5 mm ²			
ATEX				800 V ~ / 24 A			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 14 / 0,5 - 1,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT1 (0,4x2,5)			KT2 (0,5x3,0)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	PYK 1,5 M	307 019	100	PYK 2,5	307 109	100
	Beige	PYK 1,5 M	307 010	100			
End Plate				Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP PYK 1,5 M	446 639	100	NPP PYK 2,5	446 449	100
	Beige	NPP PYK 1,5 M	446 630	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 1,5/2	476 602	25	UK 2,5/2	476 222	25	
	UK 1,5/3	476 603	20	UK 2,5/3	476 223	20	
	UK 1,5/4	476 604	15	UK 2,5/4	476 224	15	
	UK 1,5/10	476 609	5	UK 2,5/10	476 229	5	
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 2,5 mm ² / 24 A			0,2 - 4 mm ² / 4 mm ² / 32 A			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			

PYK 4

Width: 6 mm

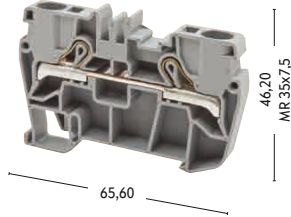
- 307 119
- 307 111
- 307 112
- 307 113
- 307 114
- 307 110



PYK 6

Width: 8 mm

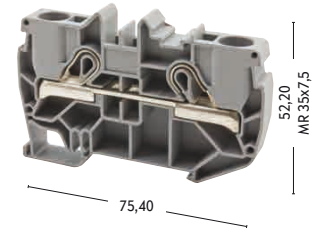
- 307 129
- 307 121
- 307 122
- 307 123
- 307 124
- 307 120



PYK 10

Width: 10 mm

- 307 139
- 307 131
- 307 132
- 307 133
- 307 134
- 307 130

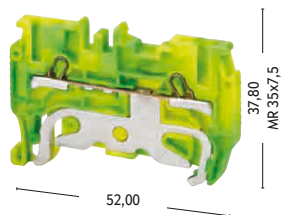
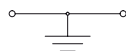


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
800 V ~ / 32 A / 4 mm ²			800 V ~ / 41 A / 6 mm ²			800 V ~ / 57 A / 10 mm ²		
600 V ~ / 30 A / AWG 22 - 10			600 V ~ / 45 A / AWG 20 - 8					
800 V ~ / 32 A / 4 mm ²								
800 V ~ / 32 A			800 V ~ / 41 A			800 V ~ / 57 A		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 10 mm ² / 0,5 - 10 mm ²			0,5 - 16 mm ² / 0,5 - 16 mm ²		
22 - 10 / 0,5 - 4 mm ²			20 - 8 / 0,5 - 6 mm ²			20 - 6 / 0,5 - 10 mm ²		
10 mm /			13 mm /			15 mm /		
KT3 (0,6x3,5)			KT4 (0,8x4,0)			KT4 (0,8x4,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 4	307 119	100	PYK 6	307 129	60	PYK 10	307 139	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 4	446 459	100	NPP PYK 6	446 469	50	NPP PYK 10	446 479	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
APP PYK 4	463 180	25	APP PYK 6	463 190	25	APP PYK 10	463 200	25
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5
0,2 - 6 mm ² / 6 mm ² / 41 A			0,2 - 10 mm ² / 10 mm ² / 57 A			0,2 - 16 mm ² / 16 mm ² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP 20 / -			IP 20 / -			IP 20 / -		
See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

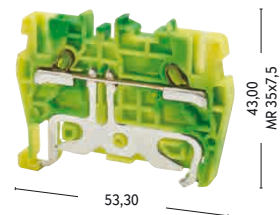
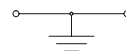
Klemsan®

Practical Spring Clamp Earth Terminals

PYK 1,5 MT
Width: 4,2 mm
336 440



PYK 2,5 T
Width: 5 mm
336 500



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-2)		- V ~ / - A / 1,5 mm ²			- V ~ / - A / 2,5 mm ²		
UL / CSA					- V ~ / - A / AWG 22 - 12		
VDE					- V ~ / - A / 2,5 mm ²		
ATEX					800 V		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 14 / 0,5 - 1,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Screwdriver		KT1 (0,4x2,5)			KT2 (0,5x3,0)		
Ordering Data					Type	Cat. No.	Qty.
Polyamide 66	Yellow - Green	PYK 1,5 MT	336 440	100	PYK 2,5 T	336 500	50
End Plate					Type	Cat. No.	Qty.
Width 1 mm - Polyamide 66	Yellow - Green	NPP PYK 1,5 MT	446 632 T	100	NPP PYK 1,5 - 2,5 T	446 442 T	10
	Grey						
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 2,5 mm ² / -			0,2 - 4 mm ² / -		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3		
• Protection class / Protection conductor type		IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)							
		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

Klemsan®

PYKMR Series

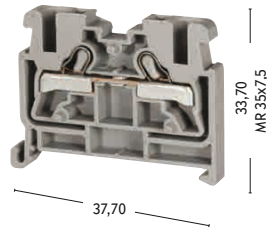
Terminals

PYKMR 2,5

Width: 5 mm

307 499

307 490



PYK Test

498 559

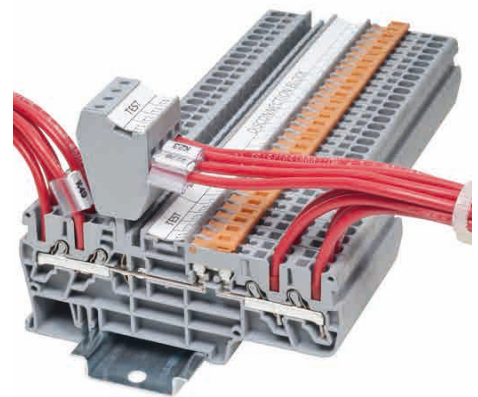


PYK Test A

498 659



Electrical Ratings		Voltage / Current / Cross-Section			Used for Terminals	
CE (EN 60947-7-1 / 60947-7-2)		800 V / 24 A / 2,5 mm ²			307 109	PYK 2,5
UL / CSA					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
					307 439	PYK 2,5 E
					304 200	AVK 2,5 RD
					304 210	AVK 4 RD
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²				
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²				
Insulation Stripping Length / Torque		10 mm / ...				
Screwdriver		KT2 (0,5x3,0)				
Ordering Data		Type	Cat. No.	Qty.		
Polyamide 66	Grey	PYKMR 2,5	307 499	50		
	Beige	PYKMR 2,5	307 490	50		
End Plate		Type	Cat. No.	Qty.		
	Grey	NPP PYKMR 2,5	446 589	100		
	Grey	NPP PYKMR 2,5	446 599	50		
Technical Data						
• Max.clamping range / Max. technical data		0.2 - 4 mm ² / 4mm ² -32 A				
• Rated Impulse Voltage / Pollution severity		8 kV / 3				
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A 3				
• Protection class / Protection conductor type		IP 20 / -				
Marking Tags (Dekafix)						
		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.				



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 plates are added to Test terminals, they Terminals can be used with PYK 4 terminals.

Klemsan®

PYKM Series

Practical Spring

Clamp Mini

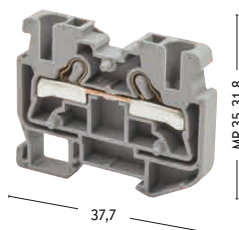
Terminals

PYKM 2,5

Width: 5 mm

307 399

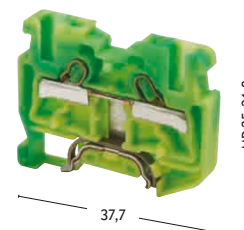
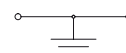
307 390

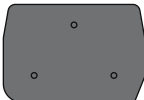


PYKM 2,5 T

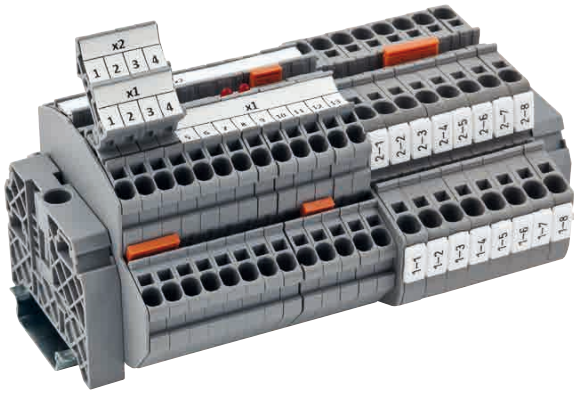
Width: 5 mm

336 430

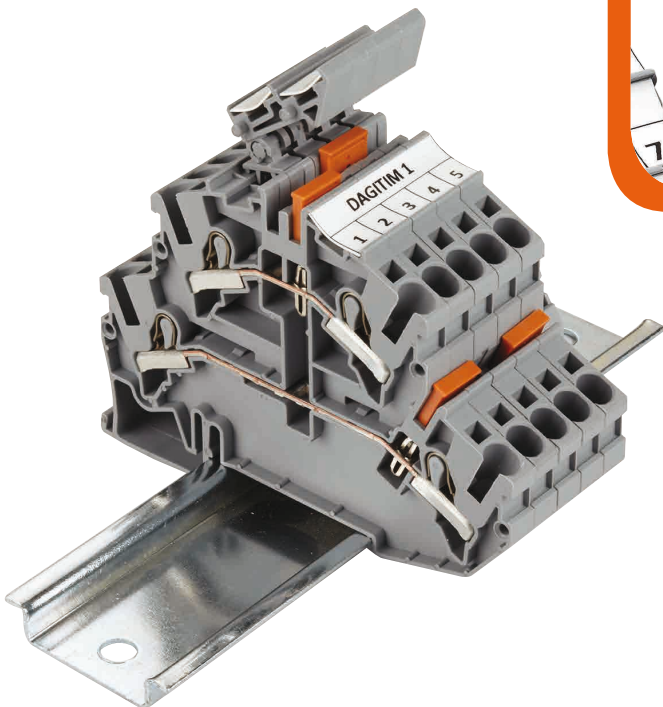
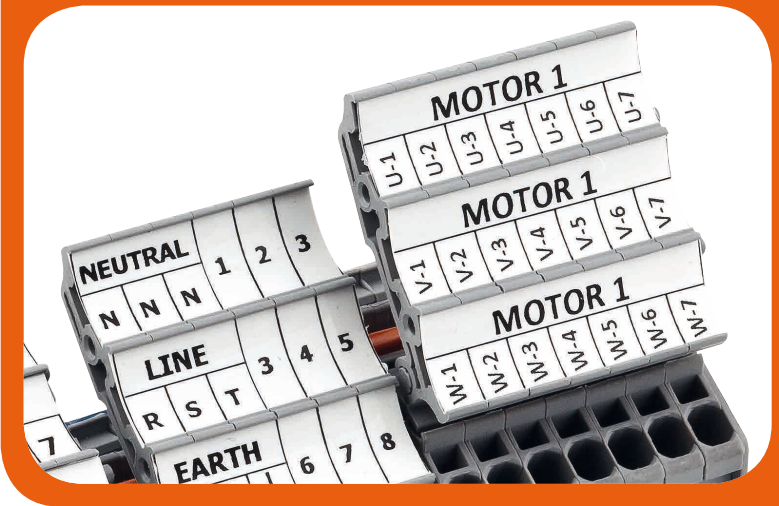
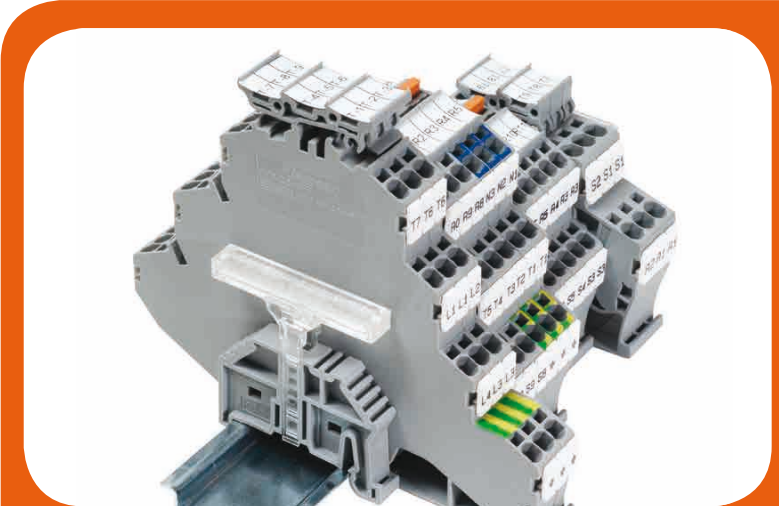


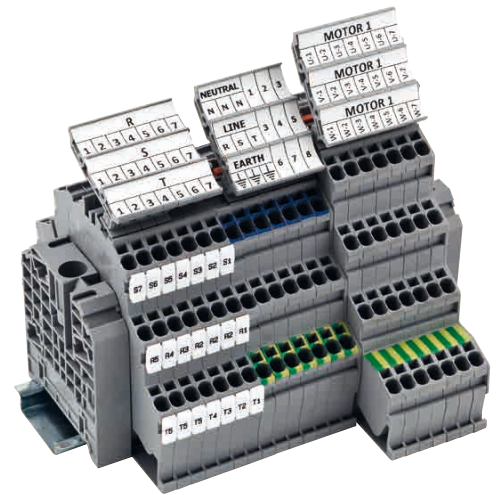
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)		800 V ~ / 24 A / 2,5 mm ²			- V ~ / - A / 2,5 mm ²		
UL / CSA		600 V / 20 A / AWG 22 - 12			- V ~ / - A / AWG 22 - 12		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		10 mm / ...			10 mm / ...		
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYKM 2,5	307 399	50			
	Yellow - Green				PYKM 2,5 T	336 430	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PYKM NPP1	446 589	100			
	Grey	PYKM NPP2	446 599	50			
	Yellow - Green				PYKM NPP1	446 582 T	25
	Yellow - Green				PYKM NPP2	446 592 T	25
Technical Data							
• Max.clamping range / Max. technical data		0.2 - 4 mm ² / 4mm ² -32 A			0.2 - 4 mm ² / -		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A 3			1 / A 3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / PE		
Marking Tags (Dekafix)							
		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

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.



Klemsan®

Double - Deck

Practical

Spring Clamp

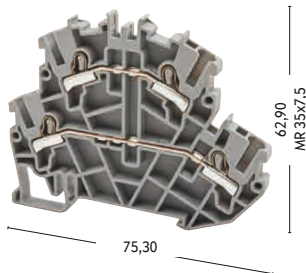
Terminals

PYK 2,5 - 2 F

Width: 5 mm

307 179

307 170

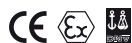
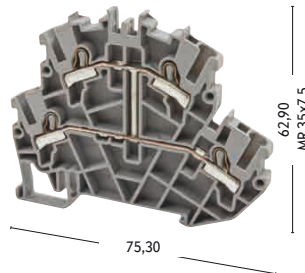
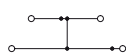


PYK 2,5 - 2 FK

Width: 5 mm

307 239

307 230



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²			
ATEX		500 V ~ / 21 A						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque		10 mm /			10 mm /			
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66		Grey	PYK 2,5 - 2 F	307 179	40	PYK 2,5 - 2 FK	307 239	40
Electrical Ratings								
Diode Reverse Voltage								
Diod Current								
Diod								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1 mm		Grey	NPP PYK 2,5 - 2 F	446 519	25	NPP PYK 2,5 - 2 FK	446 519	25
Polyamide 66								
Push-in 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								
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 32 A			0,2 - 4 mm ² / 32 A			
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			

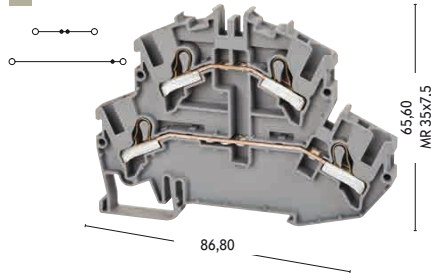
Double - Deck and Multilevel Practical Spring Clamp Terminals

PYK 4 - 2FN

Width: 6 mm

307 579

307 570

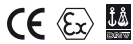
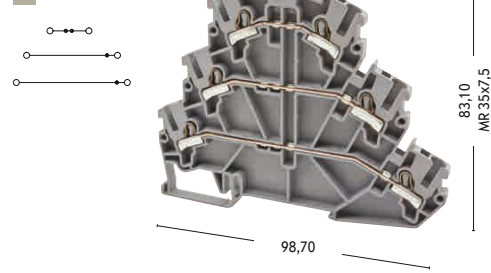


PYK 2,5 - 3 F

Width: 5 mm

307 199

307 190



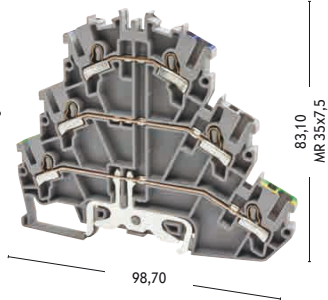
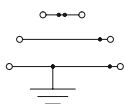
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		500 V ~ / 32 A / 4 mm ²			500 V ~ / 24 A / 2,5 mm ²		
UL / CSA							
ATEX					500 V ~ / 20,5 A		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Screwdriver		KT3 (0,6x3,5)			KT2 (0,5x3,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYK 4 - 2F	307 579	25	PYK 2,5 - 3 F	307 199	30
		PYK 4 - 2F	307 570	25			
Electrical Ratings							
Diode Reverse Voltage							
Diod Current							
Diod							
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1 mm	Grey	NPP PYK 4 - 2F	446 669	25	NPP PYK 2,5 - 2FT	446 529	10
Polyamide 66		NPP PYK 4 - 2F	446 660	25			
Push-in Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		UK 4/2	476 232	25	UK 2,5/2	476 222	25
		UK 4/3	476 233	20	UK 2,5/3	476 223	20
		UK 4/4	476 234	15	UK 2,5/4	476 224	15
		UK 4/10	476 239	5	UK 2,5/10	476 229	5
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 6 mm ² / 41 A			0,2 - 4 mm ² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3			6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A4			1 / A3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

PYK 2,5 - 2 FT

Width: 5 mm

307 189

307 180

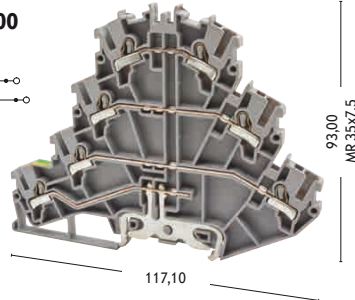
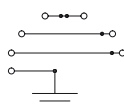


PYK 2,5 - 3 FT

Width: 5 mm

307 209

307 200

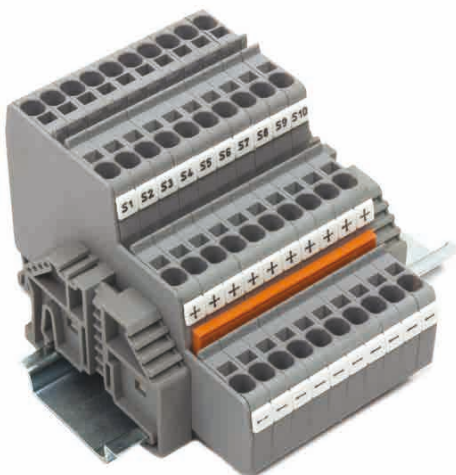
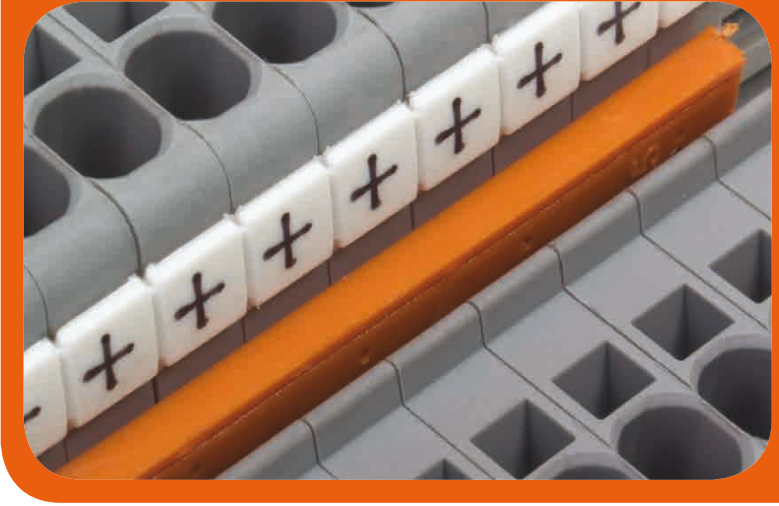
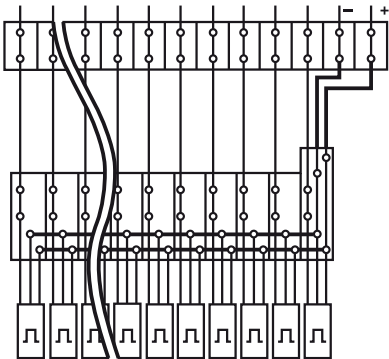


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²		
500 V ~ / 21 A			400 V ~ / 20,5 A		
0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 2,5 - 2 FT	307 189	30	PYK 2,5 - 3 FT	307 209	30
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 2,5 - 2 FT	446 529	10	NPP PYK 2,5 - 3 FT	446 539	30
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
0,2 - 4 mm ² / 32 A			0,2 - 4 mm ² / 32 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP 20 / PE			IP 20 / PE		
See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

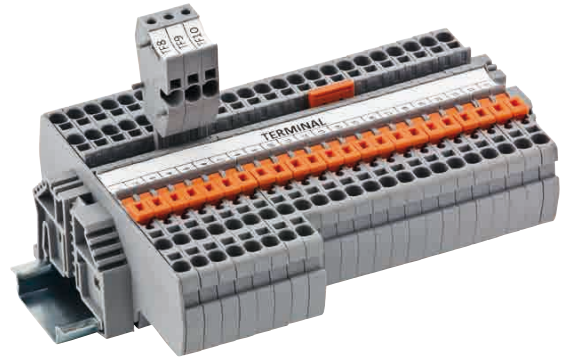
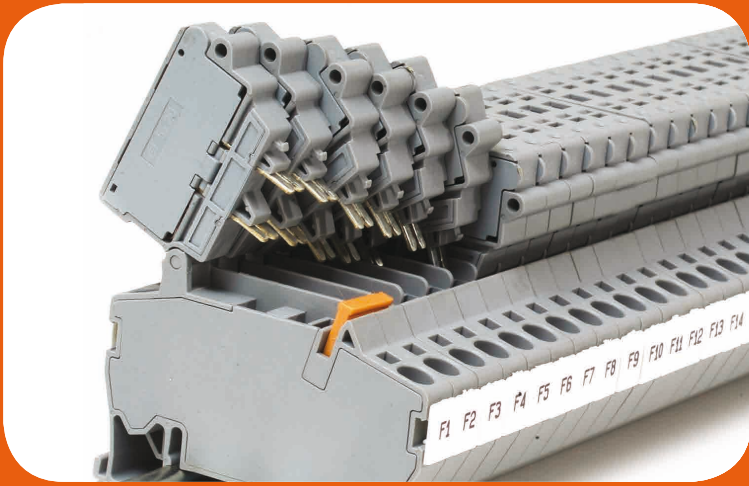
PYK Series Sensor / Fuse and Disconnect / Disconnect Terminals



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



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.

Klemsan®

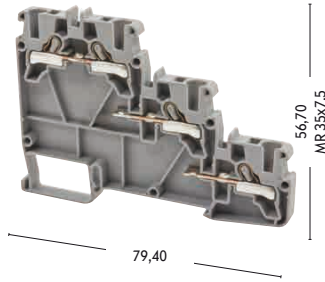
Practical Spring Clamp Sensor Terminals

PYK 3 S

Width: 5 mm

307 409

307 400

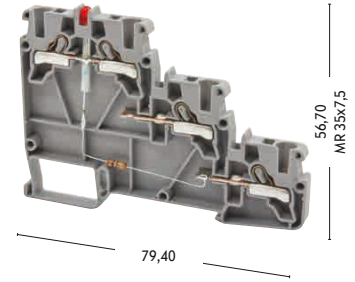
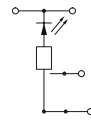




PYK 3 SLD (NPN)

Width: 5 mm

307 419

307 410



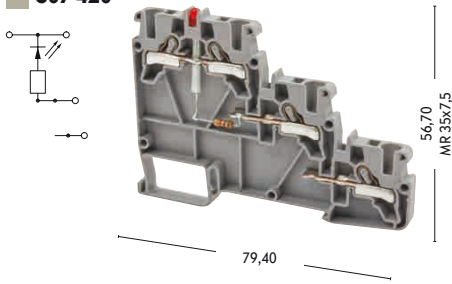
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		250 V ~ / 24 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²			
UL / CSA		300 V / 20 A / AWG 22 - 12						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque		10 mm /			10 mm /			
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Grey		PYK 3 S	307 409	20	PYK 3 SLD (NPN)	307 419	20	
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,5 mm - Polyamide 66		Grey	NPP PYK 3 S	446 609	10	NPP PYK 3 S	446 609	10
								
Push-in 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								
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A			
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)		See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			

PYK 3 SLD (PNP)

Width: 5 mm

307 429

307 420



Voltage / Current / Cross-Section	
- V ~ / 24 A / 2,5 mm ²	
0,5 - 4 mm ² / 0,5 - 2,5 mm ²	
22 - 12 / 0,5 - 2,5 mm ²	
10 mm /	
KT2 (0,5x3,0)	
Type	Cat. No.
PYK 3 SLD (PNP)	307 429
	20
Type	Cat. No.
NPP PYK 3 S	446 609
	10
Type	Cat. No.
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
0,2 - 4 mm ² / 4 mm ² - 32 A	
8 kV / 3	
1 / A3	
IP 20 / -	

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

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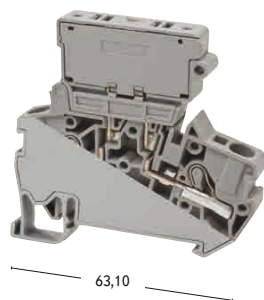
Practical Spring Clamp Fuse and Disconnect Terminals

PYK 4 S

Width: 8 mm

307 249

307 240

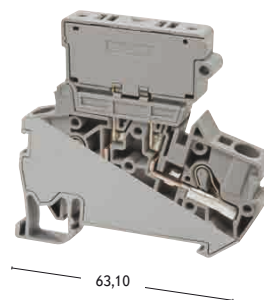
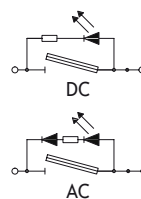



PYK 4 SLD

Width: 8 mm

307 ..9

307 ..0



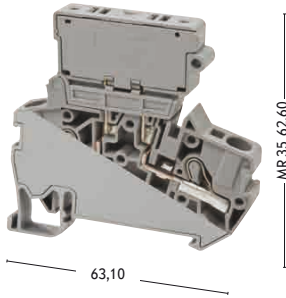
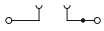
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-3)	500 V ~ / 10 A / 4 mm ²			- V ~ / 10 A / 4 mm ²			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT3 (0,6x3,5)			KT3 (0,6x3,5)			
Ordering Data							
Polyamide 66	Grey	PYK 4 S (5x20)	307 249	15	PYK 4 SLD (5x20)	307 259 - 24 V DC	15
	Beige	PYK 4 S (5x20)	307 240	15	PYK 4 SLD (5x20)	307 260 - 220 V AC	15
	Grey	PYK 4 S (5x25)	307 289	15	PYK 4 SLD (5x25)	307 290 - 24 V DC	15
	Beige	PYK 4 S (5x25)	307 280	15	PYK 4 SLD (5x25)	307 300 - 220 V AC	15
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							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 10 A			0,2 - 6 mm ² / 10 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 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 / -			
Marking Tags (Dekafix)							
See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.				

PYK 4 I

Width: 8 mm

307 319

307 310

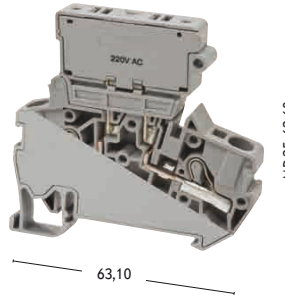
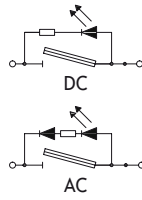


PYK 4 ILD

Width: 8 mm

307 ..9

307 ..0



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 10 A / 4 mm ²			- V ~ / 10 A / 4 mm ²		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²		
10 mm /			10 mm /		
KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 4 I	307 319	15	PYK 4 ILD	307 329 - 24 V DC	15
			PYK 4 ILD	307 330 - 220 V AC	15
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
0,2 - 6 mm ² / 10 A			0,2 - 6 mm ² / 10 A		
6 kV / 3			6 kV / 3		
1 / A4			1 / A4		
IP 20 / -			IP 20 / -		
See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

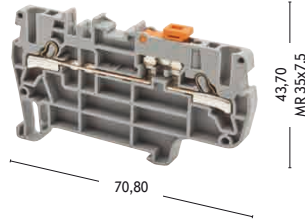
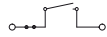
Klemsan® Practical Spring Clamp Disconnect Terminals

PYK 2,5 A

Width: 5 mm

■ 307 169

■ 307 160

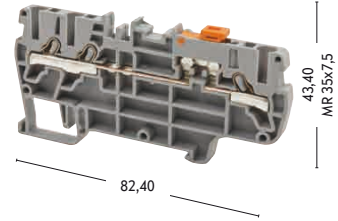
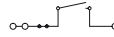


PYK 2,5 EA

Width: 5 mm

■ 307 459

■ 307 450



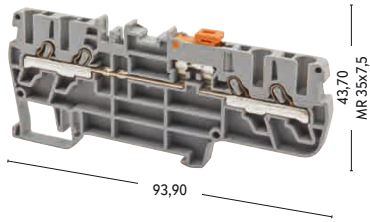
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-3)	400 V ~ / 20 A / 2,5 mm ²			400 V ~ / 16 A / 2,5 mm ²			
UL / CSA	300 V / 16 A / AWG 22 - 12						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	PYK 2,5 A	307 169	50	PYK 2,5 EA	307 459	60
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1 mm - Polyamide 66		NPP PYK 2,5 A	446 509	100	NPP PYK 2,5 EA	446 629	100
Push-in 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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 20 A			0,2 - 4 mm ² / 4 mm ² - 16 A			
• Rated Impulse Voltage / Pollution severity	4 kV / 3			4 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			

PYK 2,5 CCA

Width: 5 mm

307 219

307 210



Voltage / Current / Cross-Section	
400 V ~ / 16 A / 2,5 mm ²	
300 V / 10 A / AWG 22 - 12	
0,5 - 4 mm ² / 0,5 - 4 mm ²	
22 - 12 / 0,5 - 2,5 mm ²	
10 mm /	
KT2 (0,5x3,0)	
Type	Cat. No. Qty.
PYK 2,5 CCA	307 219 60
Type	Cat. No. Qty.
NPP PYK 2,5 CCA	446 549 100
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
0,2 - 4 mm ² / 4 mm ² - 16 A	
4 kV / 3	
1 / A3	
IP 20 / -	

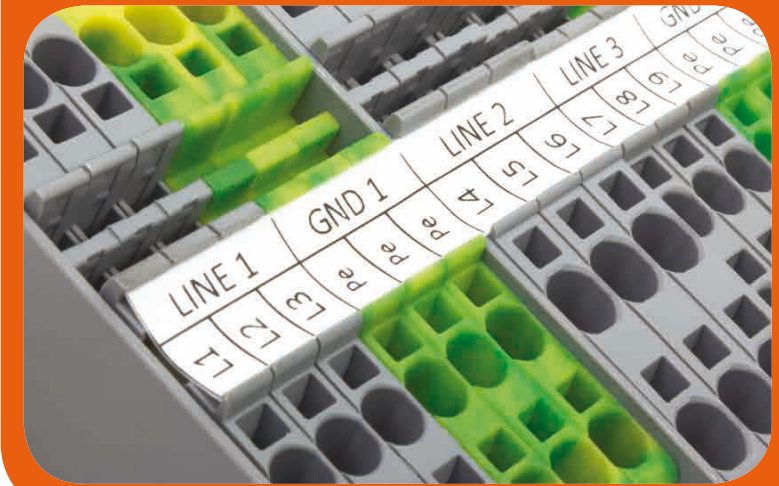
See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

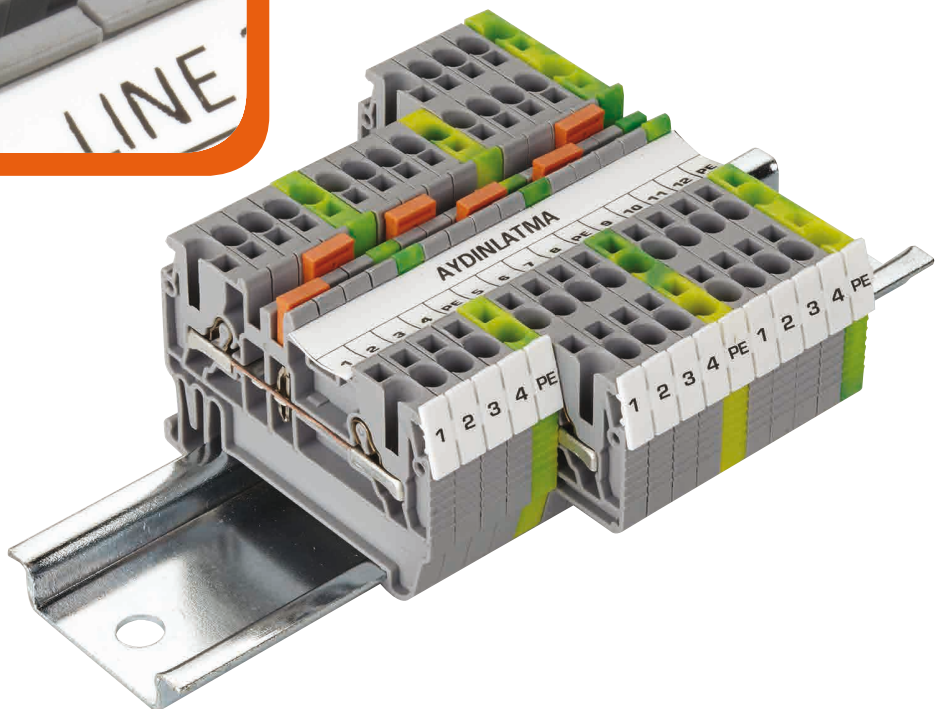
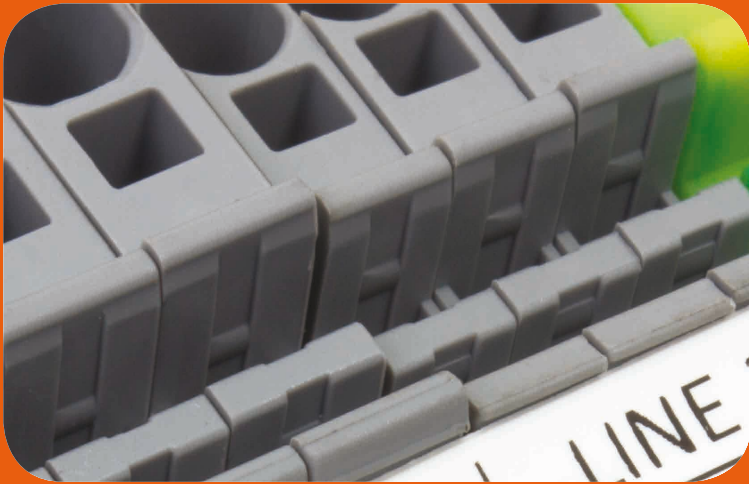
PYK Series Multi input/output Terminals

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

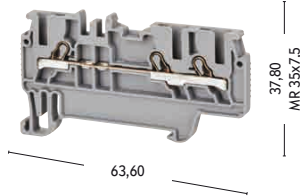
PYK 1,5 ME

Width: 4,2 mm

307 039

307 030

new

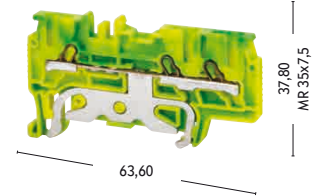
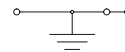




PYK 1,5 MET

Width: 4,2 mm

336 460

new



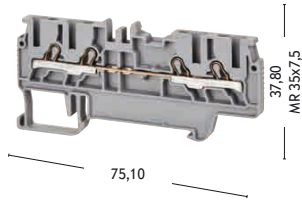
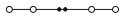
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)	800 V / 17,5 A / 1,5 mm ²			- V / - A / 1,5 mm ²		
UL / CSA						
ATEX						
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²			0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²		
AWG Conductor / Fine Strand with Ferrule	22 - 14 / 0,5 - 1,5 mm ²			22 - 14 / 0,5 - 1,5 mm ²		
Insulation Stripping Length / Torque	10 mm /			10 mm /		
Screwdriver	KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PYK 1,5 ME	307 039	70		
	Beige	PYK 1,5 ME	307 030	70	PYK 1,5 MET	336 460
	Yellow - Green			70		
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1 mm 	Grey	NPP PYK 1,5 E	446 649	100		
	Beige	NPP PYK 1,5 E	446 640	100	NPP PYK 1,5 ET	446 642T
	Yellow - Green					
Push-in Cross Connection	Type	Cat. No.	Qty.	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						
• Max.clamping range / Max. technical data	0,2 - 2,5 mm ² / 24 A			0,2 - 2,5 mm ² / -		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3		
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
	See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

PYK 1,5 MC

Width: 4,2 mm

307 029

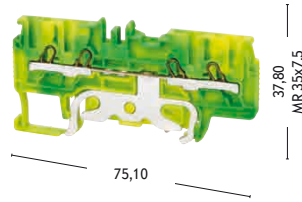
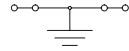
307 020



PYK 1,5 MCT

Width: 4,2 mm

336 450



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
800 V / 17,5 A / 1,5 mm ²			- V / - A / 1,5 mm ²		
0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²			0,5 - 2,5 mm ² / 0,5 - 2,5 mm ²		
22 - 14 / 0,5 - 1,5 mm ²			22 - 14 / 0,5 - 1,5 mm ²		
10 mm /			10 mm /		
KT1 (0,4x2,5)			KT1 (0,4x2,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 1,5 MC	307 029	70			
PYK 1,5 MC	307 020	70	PYK 1,5 MCT	336 450	70
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 1,5 C	446 659	100			
NPP PYK 1,5 C	446 650	100	NPP PYK 1,5 CT	446 652T	100
Type	Cat. No.	Qty.	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			
0,2 - 2,5 mm ² / 24 A			0,2 - 2,5 mm ² / -		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

PYK Series

One Input - Two Output

Two Input - Two Output

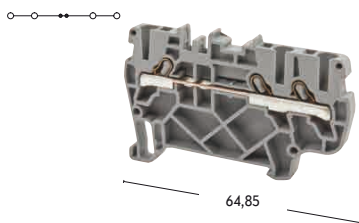
Terminals

PYK 2,5 E

Width: 5 mm

307 439

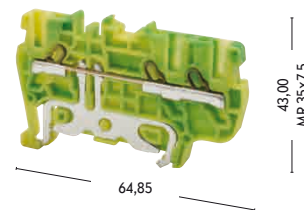
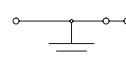
307 430



PYK 2,5 ET

Width: 5 mm

336 550



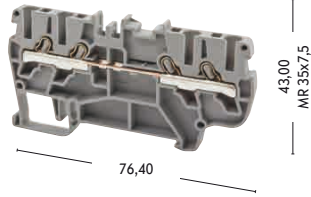
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)	800 V / 24 A / 2,5 mm ²			.... V / A / 2,5 mm ²		
UL / CSA	600 V / 20 A / AWG 22 - 12			600 V / A / AWG 22 - 12		
ATEX						
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque	10 mm /			10 mm /		
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PYK 2,5 E	307 439	50		
	Yellow - Green					
				PYK 2,5 ET	336 550	50
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1 mm	Grey	NPP PYK 2,5 E	446 619	10		
	Yellow - Green					
				NPP PYK 2,5 ET	446 612 T	10
Push-in Cross Connection	Type	Cat. No.	Qty.	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						
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 4 mm ² / 4 mm ² / -		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3		
• Protection class / Protection conductor type	IP 20 / -			IP 20 / PE		
Marking Tags (Dekafix)						
	See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.			See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.		

PYK 2,5 C

Width: 5 mm

307 389

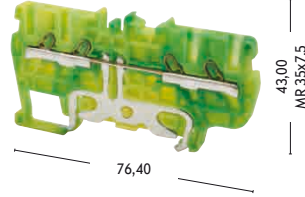
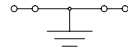
307 380



PYK 2,5 CT

Width: 5 mm

336 540

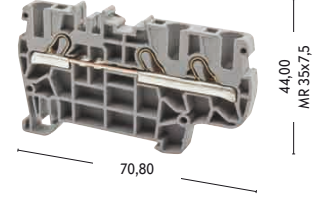


PYK 4 E

Width: 6 mm

307 229

307 220



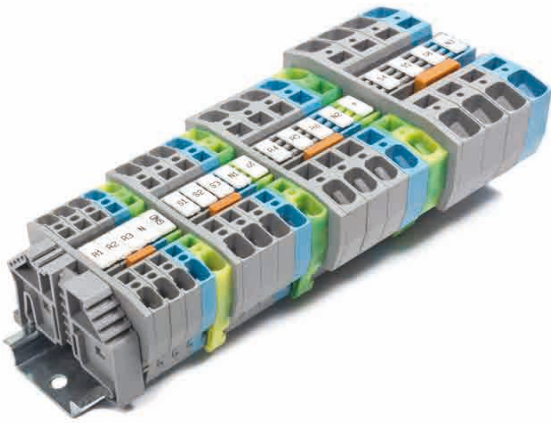
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
800 V / 24 A / 2,5 mm ²			- V / - A / 2,5 mm ²			800 V ~ / 32 A / 4 mm ²		
600 V / 20 A / AWG 22 - 12			600 V / - A / AWG 22 - 12			600 V ~ / 30 A / AWG 22 - 10		
						800 V ~ / 30 A		
0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			22 - 10 / 0,5 - 4 mm ²		
10 mm /			10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)			KT3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 2,5 C	307 389	50				PYK 4 E	307 229	50
			PYK 2,5 CT	336 540	50			
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 2,5 C	446 499	10				NPP 4 E	446 559	50
			NPP PYK 2,5 CT	446 492 T	10			
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 2,5/3	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
0,2 - 4 mm ² / 4 mm ² / 32 A			0,2 - 4 mm ² / -			0,2 - 6 mm ² / 41 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A3			1 / A4		
IP 20 / -			IP 20 / PE			IP 20 / -		

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

See page 170-173 for usage of Dekafix or 192-193 for Thermal Marking Systems.

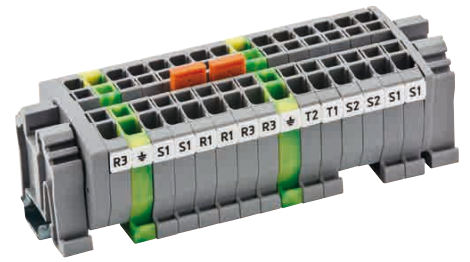
YBK Series Spring Clamp Terminals



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.



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.



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.



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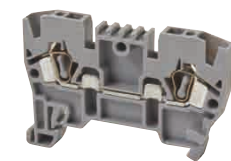
YBK Spring Clamp

Terminals

YBK 2,5

Width: 5 mm

- 306 229
- 306 221
- 306 222
- 306 223
- 306 224
- 306 220



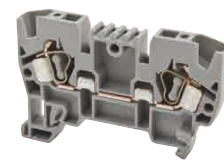
51,00

35,50
MR 35x7,5

YBK 4

Width: 6 mm

- 306 239
- 306 231
- 306 232
- 306 233
- 306 234
- 306 230



55,00

37,00
MR 35x7,5

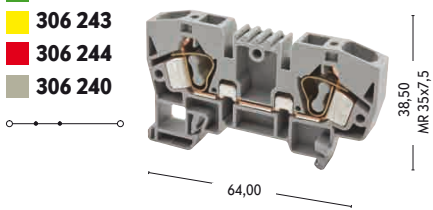


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			
UL / CSA		600 V ~ / 20 A / AWG 22 - 12			600 V ~ / 26 A / AWG 22 - 10			
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque		10 mm /			12 mm /			
Screwdriver		KT2 (0,5x3,0)			KT3 (0,6x3,5)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66		Grey	YBK 2,5	306 229	100	YBK 4	306 239	100
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 2 mm - Polyamide 66		Grey	NPP YBK 2,5	446 329	100	NPP YBK 4	446 339	100
								
Push-in 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								
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 41 A			
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A4			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
		See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

YBK 6

Width: 8 mm

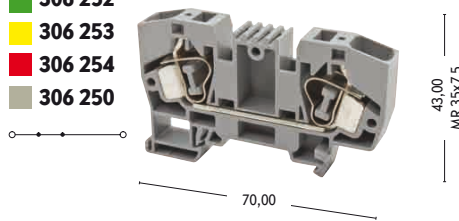
- 306 249**
- 306 241**
- 306 242**
- 306 243**
- 306 244**
- 306 240**



YBK 10

Width: 10 mm

- 306 259**
- 306 251**
- 306 252**
- 306 253**
- 306 254**
- 306 250**



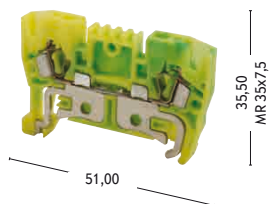
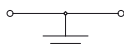
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 41 A / 6 mm ²			750 V ~ / 57 A / 10 mm ²		
600 V ~ / 35 A / AWG 22 - 8			600 V ~ / 55 A / AWG 20 - 6		
0,5 - 10 mm ² / 0,5 - 6 mm ²			0,5 - 16 mm ² / 0,5 - 10 mm ²		
22 - 8 / 0,5 - 6 mm ²			20 - 6 / 0,5 - 10 mm ²		
12 mm /			13 mm /		
KT4 (0,8x4,0)			KT4 (0,8x4,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 6	306 249	100	YBK 10	306 259	50
Type			Type		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 6	446 349	100	NPP YBK 10	446 359	100
Type			Type		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 6/2	476 242	25	UK 10/2	476 252	25
UK 6/3	476 243	20	UK 10/3	476 253	20
UK 6/4	476 244	15	UK 10/4	476 254	15
UK 6/10	476 249	5	UK 10/10	476 259	5
0,2 - 10 mm ² / 10 mm ² - 57 A			0,2 - 16 mm ² / 16 mm ² - 76 A		
8 kV / 3			8 kV / 3		
1 / A5			1 / A6		
IP 20 / -			IP 20 / -		
See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

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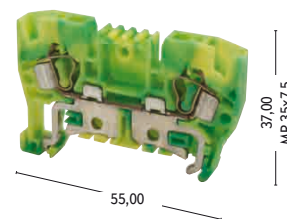
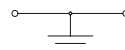
YBK Spring Clamp

Earth Terminals

YBK 2,5 T
Width: 5 mm
336 220



YBK 4 T
Width: 6 mm
336 230

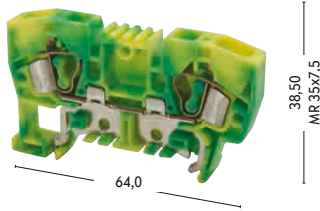
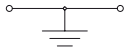


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-2)	- V ~ / - A / 2,5 mm ²			- V ~ / - A / 4 mm ²			
UL / CSA	- V ~ / - A / AWG 22 - 12			- V ~ / - A / AWG 22 - 10			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	10 mm /			12 mm /			
Screwdriver	KT2 (0,5x3,0)			KT3 (0,6x3,5)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Yellow - Green	YBK 2,5 T	336 220	50	YBK 4 T	336 230	50
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 2 mm - Polyamide 66	Yellow - Green	NPP YBK 2,5 T	446 322 T	10	NPP YBK 4 T	446 332 T	10
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / -			0,2 - 6 mm ² / -			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 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 page 174-177 for usage of Dekafix		See page 174-177 for usage of Dekafix		

YBK 6 T

Width: 8 mm

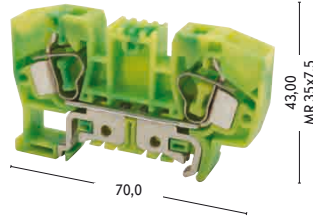
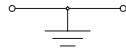
336 240



YBK 10 T

Width: 10 mm

336 250



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 6 mm ²			- V ~ / - A / 10 mm ²		
- V ~ / - A / AWG 22 - 8			- V ~ / - A / AWG 20 - 6		
0,5 - 10 mm ² / 0,5 - 6 mm ²			0,5 - 16 mm ² / 0,5 - 10 mm ²		
22 - 8 / 0,5 - 6 mm ²			20 - 6 / 0,5 - 10 mm ²		
13 mm /			13 mm /		
KT4 (0,8x4,0)			KT4 (0,8x4,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 6 T	336 240	40	YBK 10 T	336 250	30
NPP YBK 6 T			NPP YBK 10 T		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 6 T	446 342 T	10	NPP YBK 10 T	446 352 T	10
0,2 - 10 mm ² / -			0,2 - 16 mm ² / -		
8 kV / 3			8 kV / 3		
1 / A5			1 / A6		
IP 20 / PE			IP 20 / PE		
See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

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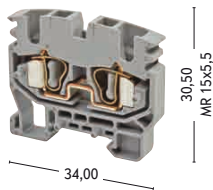
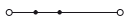
MYK Type Mini Spring Terminals for MR 15 Rails

MYK 2,5

Width: 5 mm

306 429

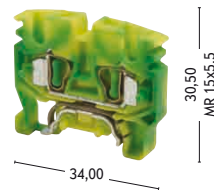
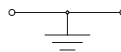
306 420



MYK 2,5 T

Width: 5 mm

336 420



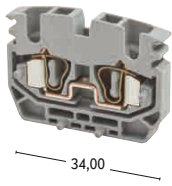
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-2 / 60998-2-2)	750 V ~ / 24 A / 2,5 mm ²			- V ~ / - A / 2,5 mm ²			
UL / CSA	600 V ~ / 20 A / AWG 22 - 12			- V ~ / - A / AWG 22 - 12			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Saplama Delik Çapı							
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	MYK 2,5	306 429	50			
	Yellow - Green				MYK 2,5 T	336 420	50
End Plate							
Width 2-4 mm - Polyamide 66	Grey	MYK NPP 1	446 429	100			
	Grey	MYK NPP 2	446 439	100			
					NPP1 MYK 2,5 T (Yellow-Green)	446 422 T	100
					NPP2 MYK 2,5 T (Yellow-Green)	446 432 T	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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / -			
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / PE			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

MYPK 2,5

Width: 5 mm

306 439

306 430



MYSK 2,5

Width: 5 mm

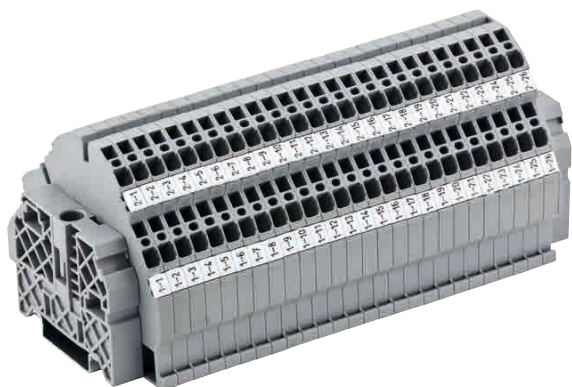
306 449

306 440

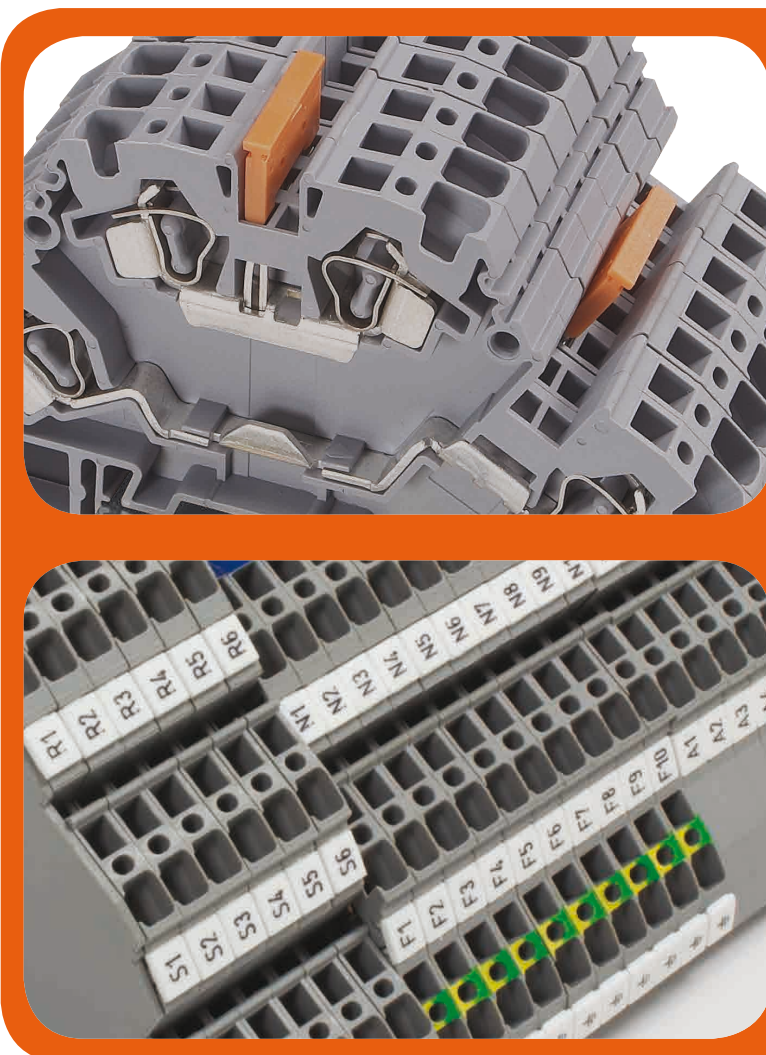


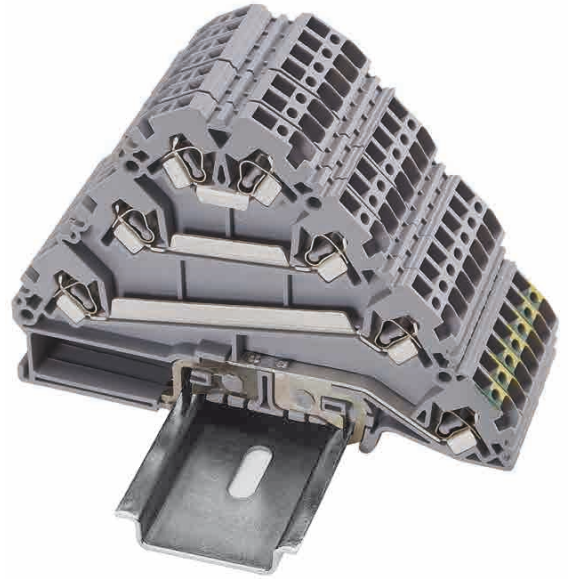
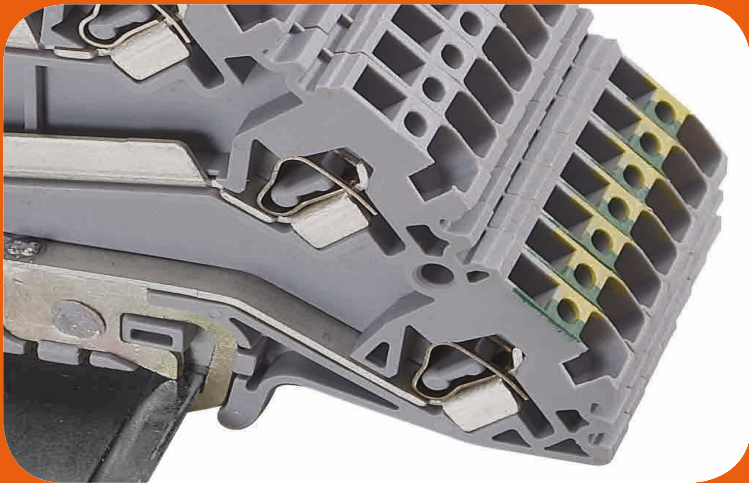
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 24 A / 2,5 mm ²		
600 V ~ / 20 A / AWG 22 - 12			600 V ~ / 20 A / AWG 22 - 12		
0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
MYPK 2,5	306 439	100	MYSK 2,5	306 449	100
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
MYPD 1	495 079	100	MYK NPP 1	446 429	100
MYPD 2	495 089	100	MYK NPP 2	446 439	100
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
0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		
See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

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.

Klemsan®

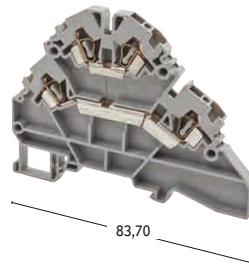
Double - Deck Spring Clamp Terminals

YBK 2,5 - 2 F

Width: 5 mm

316 109

316 100

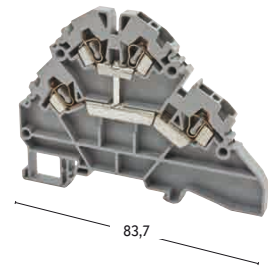
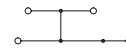


YBK 2,5 - 2 FK

Width: 5 mm

316 129

316 120



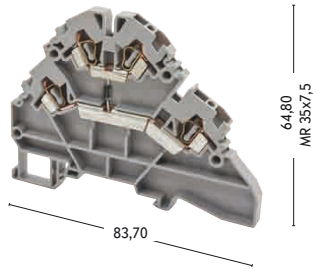
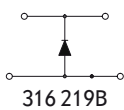
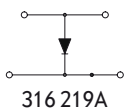
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²			
UL / CSA		600 V ~ / 20 A / AWG 22 - 12						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque		10 mm /			10 mm /			
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	YBK 2,5 - 2 F	316 109	30	YBK 2,5 - 2 FK	316 129	30	
	Grey							
	Grey							
	Grey							
	Grey							
	Grey							
	Grey							
Electrical Ratings								
Diode Reverse Voltage								
Diode Current								
Diod								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm		Grey	NPP YBK 2,5 - 2 F	446 299	10	NPP YBK 2,5 - 2 F	446 299	10
Polyamide 66								
Push-in 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	
		Note: Only lower decks can be cross-connected						
Technical Data								
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A			
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3			
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)								
		See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

YBK 2,5 - 2 FD

Width: 5 mm

316 219 / 229

316 210 / 220

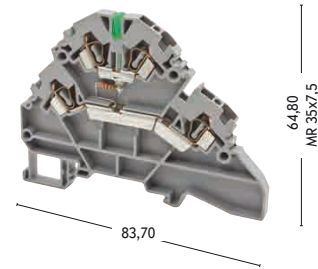
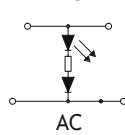
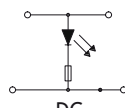


YBK 2,5 - 2 FLD

Width: 5 mm

316 ..9

316 ..0



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 0,5 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²		
0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 2,5 - 2 FD - A	316 219	30	YBK 2,5-2 FLD	316 319 (24 VAC)	30
YBK 2,5 - 2 FD - B	316 229	30	YBK 2,5-2 FLD	316 329 (24 VDC)	30
			YBK 2,5-2 FLD	316 419 (48 VAC)	30
			YBK 2,5-2 FLD	316 429 (48 VDC)	30
			YBK 2,5-2 FLD	316 619 (110 VAC)	30
			YBK 2,5-2 FLD	316 629 (110 VDC)	30
			YBK 2,5-2 FLD	316 719 (220 VAC)	30
			YBK 2,5-2 FLD	316 729 (220 VDC)	30
1000 V					
0,5 A					
1 N 4007					
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 2,5 - 2 F	446 299	10	NPP YBK 2,5 - 2 F	446 299	10
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
Note: Only lower decks can be cross-connected			Note: Only lower decks can be cross-connected		
0,2 - 4 mm ² / 4 mm ² - 0,5 A			0,2 - 4 mm ² / 4 mm ² - 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		

See page 174-177 for usage of Dekafix

See page 174-177 for usage of Dekafix

Klemsan®

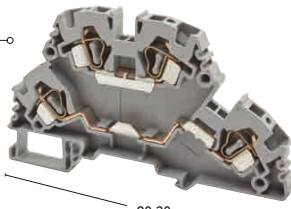
Double - Deck Spring Clamp Terminals

YBK 4 - 2 F

Width: 6 mm

■ 318 109

■ 318 100



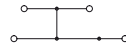
90,30

YBK 4 - 2 FK

Width: 6 mm

■ 318 129

■ 318 120





90,30

55,50
MR 35x7,5

55,50
MR 35x7,5



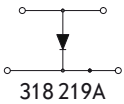
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		750 V ~ / 32 A / 4 mm ²			750 V ~ / 32 A / 4 mm ²			
UL / CSA		600 V ~ / 26 A / AWG 22 - 10						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque		12 mm /			12 mm /			
Screwdriver		KT3 (0,6x3,5)			KT3 (0,6x3,5)			
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	YBK 4 - 2 F	318 109	50	YBK 4 - 2 FK	318 129	20	
	Grey							
	Grey							
	Grey							
	Grey							
	Grey							
	Grey							
Electrical Ratings								
Diode Reverse Voltage								
Diode Current								
Diod								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm		Grey	NPP YBK 4 - 2 F	446 269	25	NPP YBK 4 - 2 F	446 269	25
Polyamide 66								
Push-in Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		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 4/4	476 234	15	UK 4/4	476 234	15	
		UK 4/10	476 239	5	UK 4/10	476 239	5	
		Note: Only lower decks can be cross-connected						
Technical Data								
• Max.clamping range / Max. technical data		0,2 - 6 mm ² / 6 mm ² - 41 A			0,2 - 6 mm ² / 6 mm ² - 41 A			
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 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 / -			
Marking Tags (Dekafix)								
		See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

YBK 4 - 2 FD

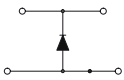
Width: 6 mm

318 219 / 229

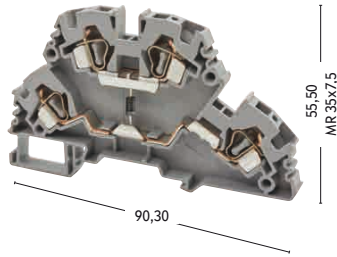
318 210 / 220



318 219A



318 219B

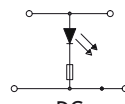


YBK 4 - 2 FLD

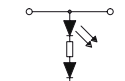
Width: 6 mm

318 ..9

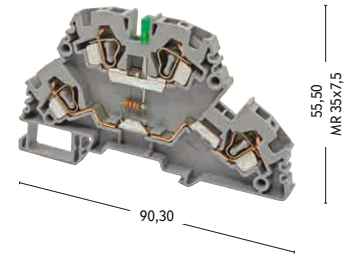
318 ..0



DC



AC



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 0,5 A / 4 mm ²			- V ~ / 32 A / 4 mm ²		
0,5 - 6 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²		
22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²		
12 mm /			12 mm /		
KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 4 - 2 FD - A	318 219	20	YBK 4-2 FLD	318 319 (24 VAC)	20
YBK 4 - 2 FD - B	318 229	20	YBK 4-2 FLD	318 329 (24 VDC)	20
			YBK 4-2 FLD	318 419 (48 VAC)	20
			YBK 4-2 FLD	318 429 (48 VDC)	20
			YBK 4-2 FLD	318 619 (110 VAC)	20
			YBK 4-2 FLD	318 629 (110 VDC)	20
			YBK 4-2 FLD	318 719 (220 VAC)	20
			YBK 4-2 FLD	318 729 (220 VDC)	20
1000 V					
0,5 A					
1 N 4007					
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 4 - 2 F	446 269	25	NPP YBK 4 - 2 F	446 269	25
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
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 4/4	476 234	15	UK 4/4	476 234	15
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		
0,2 - 6 mm ² / 6 mm ² - 0,5 A			0,2 - 6 mm ² / 6 mm ² - 41 A		
8 kV / 3			8 kV / 3		
1 / A4			1 / A4		
IP 20 / -			IP 20 / -		

See page 174-177 for usage of Dekafix

See page 174-177 for usage of Dekafix

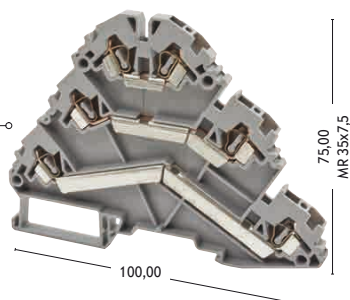
Klemsan® Spring Clamp Multilevel Terminals

YBK 2,5 - 3 F

Width: 5 mm

324 509

324 500

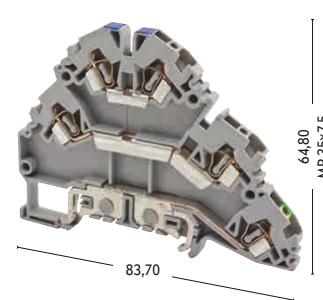






YBK 2,5 - 2 FT

Width: 5 mm

324 809

324 800

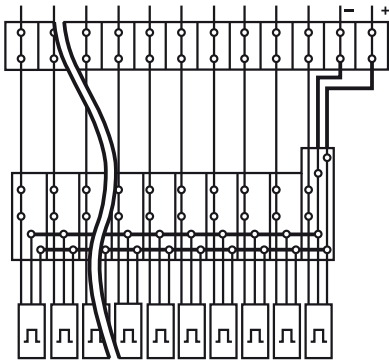
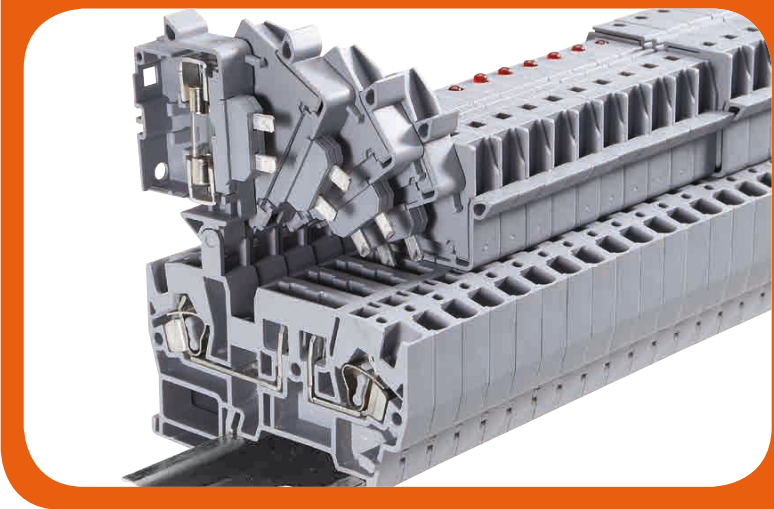
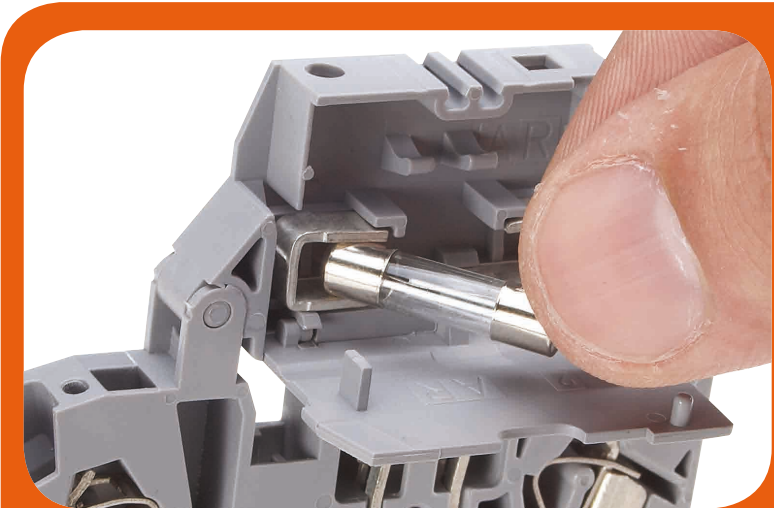


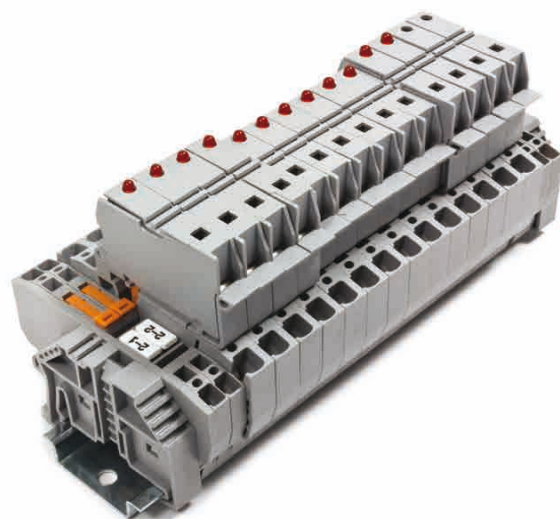
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-2)	500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²			
UL / CSA	600 V ~ / 20 A / AWG 22 - 12			600 V ~ / 20 A / AWG 22 - 12			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	YBK 2,5 - 3 F	324 509	30	YBK 2,5 - 2 FT	324 809	30
	Beige						
	Grey						
	Beige						
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,2 mm - Polyamide 66	Grey	NPP YBK 2,5 - 3 F	446 249	10	NPP YBK 2,5 - 2 T	446 299	10
	Beige						
 NPP YBK 2,5-3F		 NPP YBK 2,5-2FT					
 NPP YBK 2,5-3FT							
Push-in 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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / PE			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

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 cartridge type glass fuse of size \varnothing 5x20 or \varnothing 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.

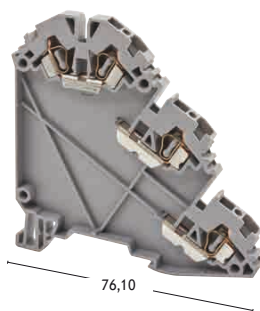
Klemsan® Spring Type Sensor Terminals

YBK 3 S

Width: 5 mm

324 709

324 700

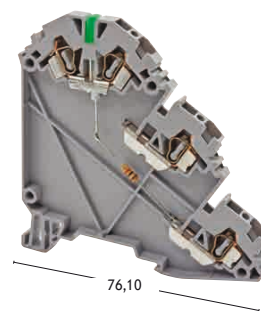
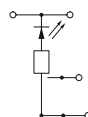


YBK 3 SLD (NPN)

Width: 5 mm

324 719

324 710



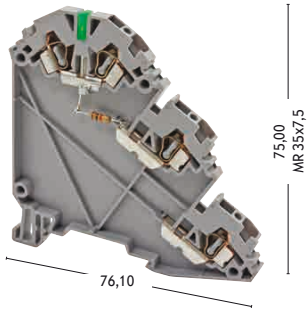
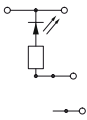
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	500 V ~ / 24 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data							
Polyamide 66	Grey	YBK 3 S	Cat. No. 324 709	Qty. 20	YBK 3 SLD (24 VDC)	Cat. No. 324 719	Qty. 20
End Plate							
Width 1,2 mm - Polyamide 66	Grey	NPP YBK 3 S	Cat. No. 446 289	Qty. 10	NPP YBK 3 S	Cat. No. 446 289	Qty. 10
Push-in 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							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

YBK 3 SLD (PNP)

Width: 5 mm

324 729

324 720



Voltage / Current / Cross-Section		
- V ~ / 24 A / 2,5 mm ²		
0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 12 / 0,5 - 2,5 mm ²		
10 mm /		
KT2 (0,5x3,0)		
Type	Cat. No.	Qty.
YBK 3 SLD (24 VDC)	324 729	20
Type	Cat. No.	Qty.
NPP YBK 3 S	446 289	10
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
0,2 - 4 mm ² / 4 mm ² - 32 A		
6 kV / 3		
1 / A3		
IP 20 / -		

See page 174-177 for usage of Dekafix

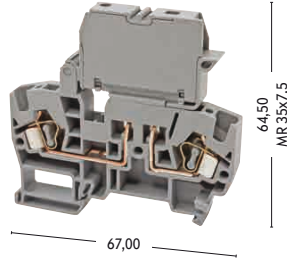
Klemsan® Spring Clamp Fuse and Disconnect Terminals

YBK S

Width: 8 mm

■ 355 119

■ 355 110

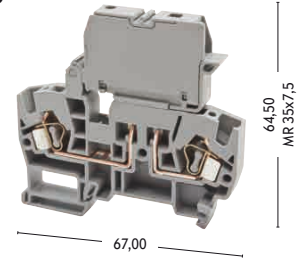





YBK SB

Width: 8 mm

■ 363 109

■ 363 100



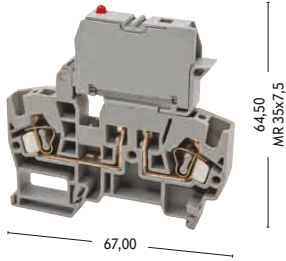
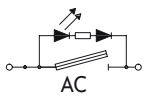
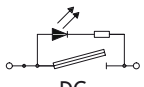
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 10 A / 4 mm ²			500 V ~ / 10 A / 4 mm ²			
UL / CSA	600 V ~ / 10 A / AWG 22 - 10						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	12 mm / ...			12 mm / ...			
Screwdriver	KT3 (0,6x3,5)			KT3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	YBK S	355 119	20	YBK SB	363 109	20
	Grey						
	Grey						
	Grey						
	Grey						
	Grey						
	Grey						
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 2 mm - Polyamide 66	Grey	NPP YBK S - YBK I	450 069	10	NPP YBK S - YBK I	450 069	10
							
							
NPP YBK S - YBK I							
NPP YBK 2,5 A							
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							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ² - 10 A			0,2 - 6 mm ² / 6 mm ² - 10 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 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 / -			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See page 174-177 for usage of Dekafix			

YBK SLD

Width: 8 mm

... ..9

... ..0

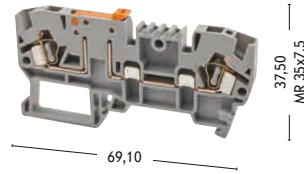


YBK 2,5 A

Width: 5 mm

353 209

353 200



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / 10 A / 4 mm ²			750 V ~ / 16 A / 2,5 mm ²		
			600 V ~ / 10 A / AWG 22 - 12		
0,5 - 6 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 10 / 0,5 - 4 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
12 mm /			10 mm /		
KT3 (0,6x3,5)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK SLD	355 719 (24 V AC)	20	YBK 2,5 A	353 209	50
YBK SLD	355 729 (24 V DC)	20			
YBK SLD	355 739 (48 V AC)	20			
YBK SLD	355 749 (48 V DC)	20			
YBK SLD	355 759 (110 V AC)	20			
YBK SLD	355 769 (110 V DC)	20			
YBK SLD	355 779 (220 V AC)	20			
YBK SLD	355 789 (220 V DC)	20			
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK S - YBK I	450 069	10	NPP YBK 2,5 A	450 219	10
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 6/2	476 242	25	UK 2,5/2	476 222	25
UK 6/3	476 243	20	UK 2,5/3	476 223	20
UK 6/4	476 244	15	UK 2,5/4	476 224	15
UK 6/10	476 249	5	UK 2,5/10	476 229	5
0,2 - 6 mm ² / 6 mm ² - 10 A			0,2 - 4 mm ² / 4 mm ² - 16 A		
6 kV / 3			8 kV / 3		
1 / A4			1 / A3		
IP 20 / -			IP 20 / -		
See page 174-177 for usage of Dekafix Terminals can be used with 5 x 20 - 5 x 25 fuses.			See page 174-177 for usage of Dekafix		

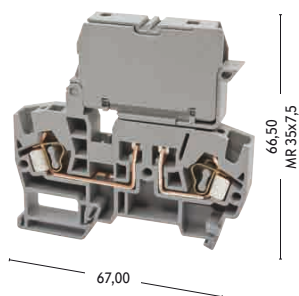
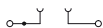
Klemsan® Spring Clamp Fuse and Disconnect Terminals

YBK I

Width: 8 mm

■ 355 129

■ 355 120

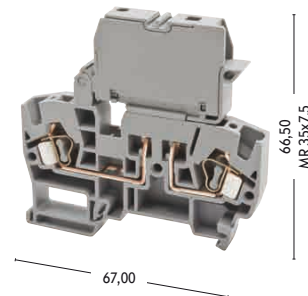


YBK IB

Width: 8 mm

■ 363 209

■ 363 200



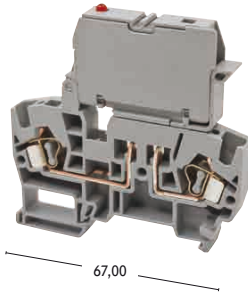
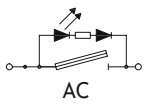
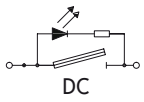
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 10 A / 4 mm ²			500 V ~ / 10 A / 4 mm ²			
UL / CSA	600 V ~ / 10 A / AWG 22 - 10						
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 4 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0,5 - 4 mm ²			22 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque	12 mm / ...			12 mm / ...			
Screwdriver	KT3 (0,6x3,5)			KT3 (0,6x3,5)			
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	YBK I	355 129	20	YBK IB	363 209	20
	Grey						
	Grey						
	Grey						
	Grey						
	Grey						
	Grey						
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 2 mm - Polyamide 66	Grey	NPP YBK S - YBK I	450 069	10	NPP YBK S - YBK I	450 069	10
 <p>NPP YBK S - YBK I</p>							
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							
• Max.clamping range / Max. technical data	0,2 - 6 mm ² / 6 mm ² - 10 A			0,2 - 6 mm ² / 6 mm ² - 10 A			
• Rated Impulse Voltage / Pollution severity	6 kV / 3			6 kV / 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 / -			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix Terminals can be used with 6,35 x 31,75 fuses.			See page 174-177 for usage of Dekafix			

YBK ILD

Width: 8 mm

... ..9

... ..0

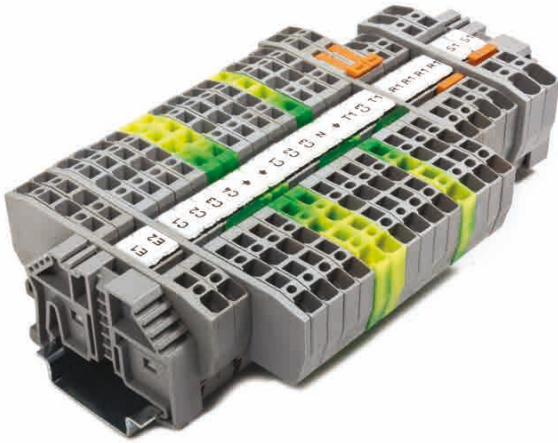


66,50
MR35x7,5

67,00

Voltage / Current / Cross-Section		
- V ~ / 10 A / 4 mm ²		
0,5 - 6 mm ² / 0,5 - 4 mm ²		
22 - 10 / 0,5 - 4 mm ²		
12 mm /		
KT3 (0,6x3,5)		
Type	Cat. No.	Qty.
YBK ILD	355 819 (24 V AC)	20
YBK ILD	355 829 (24 V DC)	20
YBK ILD	355 839 (48 V AC)	20
YBK ILD	355 849 (48 V DC)	20
YBK ILD	355 859 (110 V AC)	20
YBK ILD	355 869 (110 V DC)	20
YBK ILD	355 879 (220 V AC)	20
YBK ILD	355 889 (220 V DC)	20
Type	Cat. No.	Qty.
NPP YBK S - YBK I	450 069	10
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
0,2 - 6 mm ² / 6 mm ² - 10 A		
6 kV / 3		
1 / A4		
IP 20 / -		
See page 174-177 for usage of Dekafix		
Terminals can be used with 6,35 x 31,75 fuses.		

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 some 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.





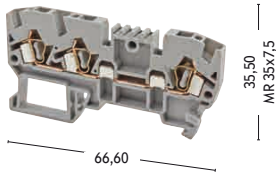
One input - Two Output Two input - Two Output Spring Clamp Terminals

YBK 2,5 E

Width: 5 mm

326 059

326 050

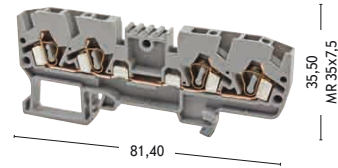





YBK 2,5 C

Width: 5 mm

326 109

326 100



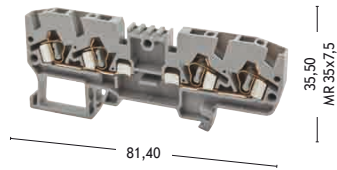
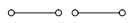
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 24 A / 2,5 mm ²		
UL / CSA		600 V ~ / 20 A / AWG 22 - 12			600 V ~ / 20 A / AWG 22 - 12		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	YBK 2,5 E	326 059	50	YBK 2,5 C	326 109	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 2 mm - Polyamide 66	Grey	NPP YBK 2,5 E	446 219	10	NPP YBK 2,5 C	446 279	10
 NPP YBK 2,5 E  NPP YBK 2,5 C							
Push-in 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		0,2 - 4 mm ² / 4 mm ² - 32 A			0,2 - 4 mm ² / 4 mm ² - 32 A		
• Max.clamping range / Max. technical data		8 kV / 3			8 kV / 3		
• Rated Impulse Voltage / Pollution severity		1 / A3			1 / A3		
• Insulation material group / Gauge pin code according to IEC 60947-1		IP 20 / -			IP 20 / -		
• Protection class / Protection conductor type							
Marking Tags (Dekafix)		See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

YBK 2,5 CX2

Width: 5 mm

326 209

326 200



Voltage / Current / Cross-Section	
750 V ~ / 24 A / 2,5 mm ²	
0,5 - 4 mm ² / 0,5 - 2,5 mm ²	
22 - 12 / 0,5 - 2,5 mm ²	
10 mm /	
KT2 (0,5x3,0)	
Type	Cat. No.
YBK 2,5 CX2	326 209
	50
Type	Cat. No.
NPP YBK 2,5 C	446 279
	10
Type	Cat. No.
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
0,2 - 4 mm ² / 4 mm ² - 32 A	
8 kV / 3	
1 / A3	
IP 20 / -	

See page 174-177 for usage of Dekafix

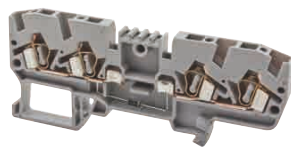
Two input - Two Output Spring Clamp Terminals

YBK 2,5 CD

Width: 5 mm

■ 326 219

■ 326 210



81,40

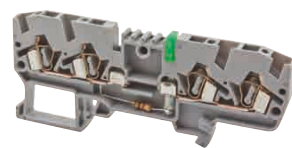
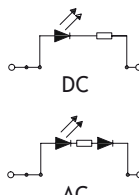


YBK 2,5 CLD

Width: 5 mm



■ 326 ..9

■ 326 ..0



81,40

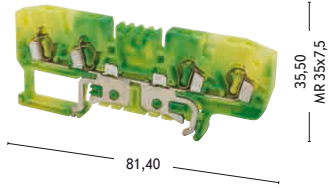
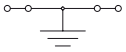


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		750 V ~ / 0,5 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²		
UL / CSA					- V ~ / 20 A / AWG 22 - 12		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Screwdriver		KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	YBK 2,5 CD	326 219	50	YBK 2,5 CLD	326 319 (24 VAC)	50
	Grey				YBK 2,5 CLD	326 419 (48 VAC)	50
	Grey				YBK 2,5 CLD	326 619 (110 VAC)	50
	Grey				YBK 2,5 CLD	326 719 (220 VAC)	50
	Grey				YBK 2,5 CLD	326 329 (24 VDC)	50
	Grey				YBK 2,5 CLD	326 429 (48 VDC)	50
	Grey				YBK 2,5 CLD	326 629 (110 VDC)	50
	Grey				YBK 2,5 CLD	326 729 (220 VDC)	50
	Yellow - Green						
Electrical Ratings							
Diode Reverse Voltage		1000 V					
Diode Current		0,5 A					
Diod		1 N 4007					
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 2 mm - Polyamide 66	Grey	NPP YBK 2,5 C	446 279	10	NPP YBK 2,5 C	446 279	10
	Yellow - Green						
 NPP YBK 2,5 E							
 NPP YBK 2,5 C							
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² - 0,5 A			0,2 - 4 mm ² / 4 mm ² - 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

YBK 2,5 CT

Width: 5 mm

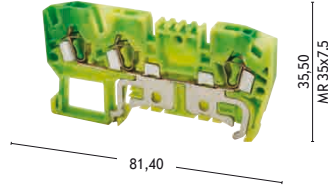
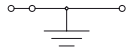
336 100



YBK 2,5 ET

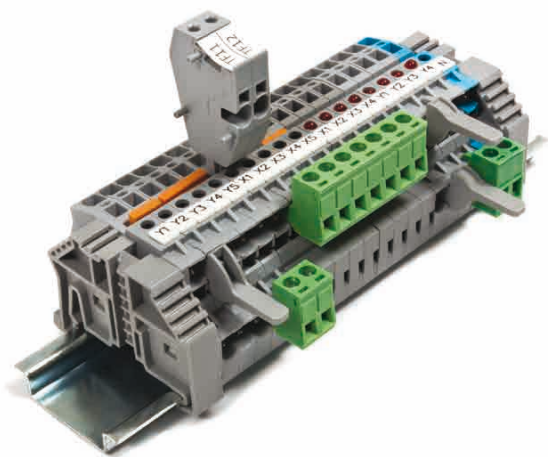
Width: 5 mm

336 110

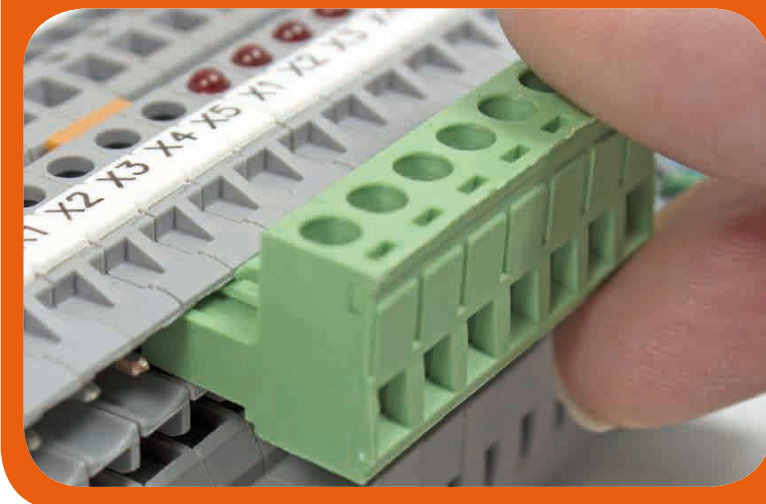
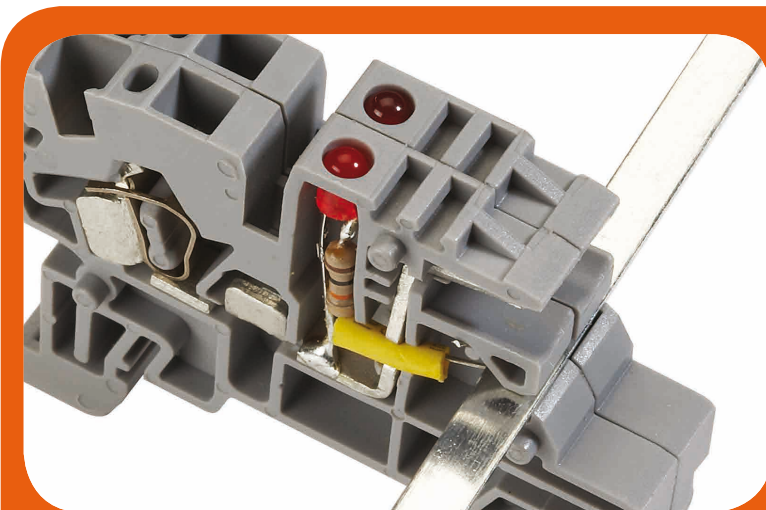


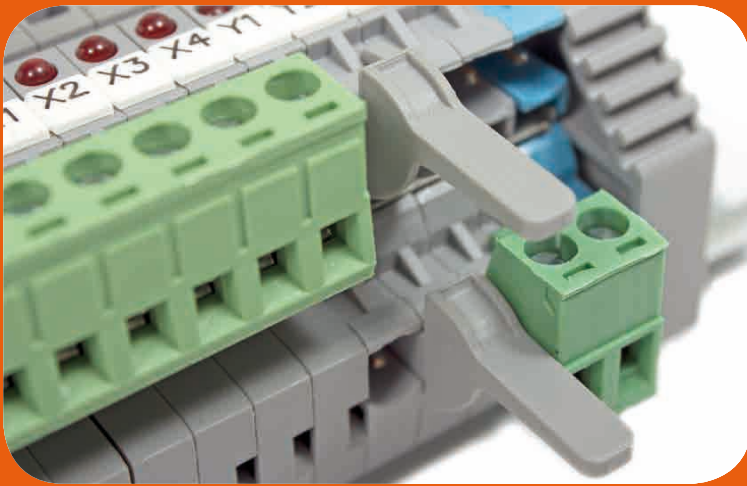
Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 2,5 mm ²			- V ~ / - A / 2,5 mm ²		
- V ~ / - A / AWG 22 - 12			- V ~ / - A / AWG 22 - 12		
0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 2,5 CT	336 100	50	YBK 2,5 ET	336 110	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 2,5 CT	446 272 T	10	NPP YBK 2,5 E	446 212 T	10
0,2 - 4 mm ² / -			0,2 - 4 mm ² / -		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / PE			IP 20 / PE		
See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

PCY Series Terminals



PCY Series Spring Clamp 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 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.





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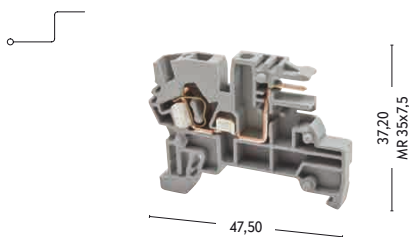
PCY Type Terminals for PCB Connection

PCY 2,5

Width: 5,05 mm

■ 364 019

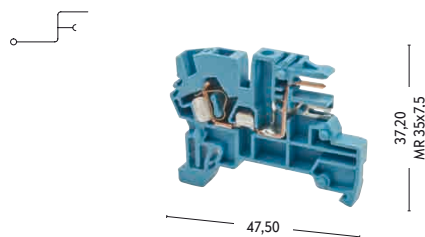
■ 364 010



PCY 2,5 N

Width: 5,05 mm

■ 364 080



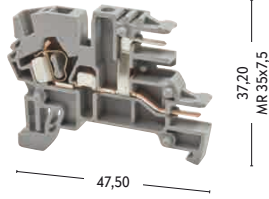
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)	250 V ~ / 10 A / 2,5 mm ²			250 V ~ / 10 A / 2,5 mm ²			
UL / CSA	300 V ~ / 10 A / AWG 22 - 12			300 V ~ / 10 A / AWG 22 - 12			
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			
Insulation Stripping Length / Torque	10 mm /			10 mm /			
Screwdriver	KT2 (0,5x3,0)			KT2 (0,5x3,0)			
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Polyamide 66	Grey	PCY 2,5	364 019	100			
	Grey						
	Grey						
	Blue				PCY 2,5 N	364 080	100
End Plate							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 2 mm - Polyamide 66	Grey	NPP PCY	450 199	100			
	Blue				NPP PCY	450 191	100
Isolation Cover							
	Beige	PCY IT	423 090	50	PCY IT	423 090	50
	Orange	PCY IT	423 097	50	PCY IT	423 097	50
	Grey	PCY IT	423 099	50	PCY IT	423 099	50
Push-in 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	
PCY Neutral Connection Bar							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		PCY NS	525 400	25			
Technical Data							
• Max.clamping range / Max. technical data	0,2 - 4 mm ² / 4 mm ² - 10 A			0,2 - 4 mm ² / 4 mm ² - 10 A			
• Rated Impulse Voltage / Pollution severity	4 kV / 3			4 kV / 3			
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3			1 / A3			
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -			
Marking Tags (Dekafix)							
	See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			

PCY 2,5 E

Width: 5,05 mm

364 059

364 050

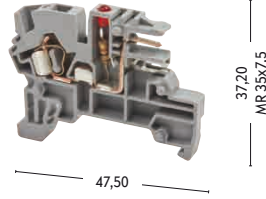


PCY 2,5 L

Width: 5,05 mm

... ..9

... ..0

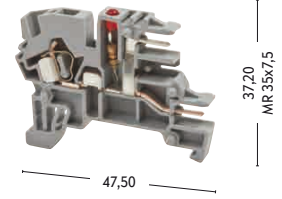


PCY 2,5 EL

Width: 5,05 mm

... ..9

... ..0



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
250 V ~ / 10 A / 2,5 mm ²			- V ~ / 10 A / 2,5 mm ²			- V ~ / 10 A / 2,5 mm ²		
300 V ~ / 10 A / AWG 22 - 12			- V ~ / 10 A / AWG 22 - 12			- V ~ / 10 A / AWG 22 - 12		
0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²			0,5 - 4 mm ² / 0,5 - 2,5 mm ²		
22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²			22 - 12 / 0,5 - 2,5 mm ²		
10 mm /			10 mm /			10 mm /		
KT2 (0,5x3,0)			KT2 (0,5x3,0)			KT2 (0,5x3,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PCY 2,5 E	364 059	100	PCY 2,5 L	364 029 (24 VDC)	50	PCY 2,5 EL	364 069 (24 VDC)	50
			PCY 2,5 L	364 039 (110 VDC)	50	PCY 2,5 EL	364 079 (110 VDC)	50
			PCY 2,5 L	364 049 (220 VDC)	50	PCY 2,5 EL	364 089 (220 VDC)	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PCY	450 199	100	NPP PCY	450 199	100	NPP PCY	450 199	100
PCY IT	423 090	50	PCY IT	423 090	50	PCY IT	423 090	50
PCY IT	423 097	50	PCY IT	423 097	50	PCY IT	423 097	50
PCY IT	423 099	50	PCY IT	423 099	50	PCY IT	423 099	50
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
0,2 - 4 mm ² / 4 mm ² - 10 A			0,2 - 4 mm ² / 4 mm ² - 10 A			0,2 - 4 mm ² / 4 mm ² - 10 A		
4 kV / 3			4 kV / 3			4 kV / 3		
1 / A3			1 / A3			1 / A3		
IP 20 / -			IP 20 / -			IP 20 / -		
See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix			See page 174-177 for usage of Dekafix		

Klemsan® Transformer Terminals Blocks

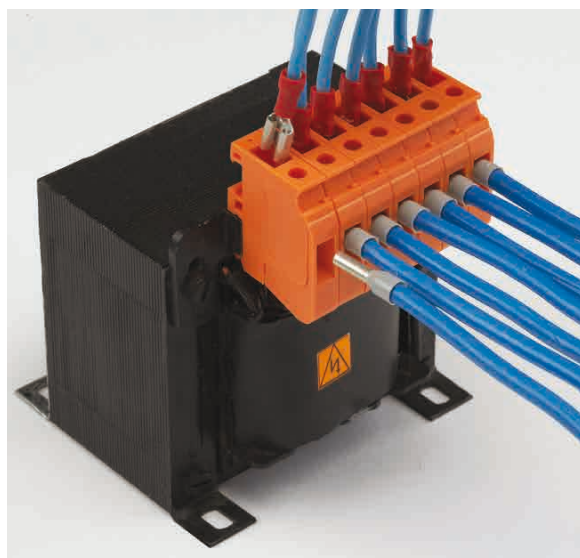
TRV 4
Width: 7,5 mm
422 017 - Orange



TRV 4 B
Width: 7,5 mm
422 057 - Orange



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60998-1 / 61558-1)		750 V ~ / 25 A / 4 mm ²			750 V ~ / 25 A / 4 mm ²		
UL / CSA		600 V ~ / 20 A / AWG 26 - 10			600 V ~ / 20 A / AWG 26 - 10		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²		
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque		10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm		
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Orange	TRV 4	422 017	50	TRV 4 B	422 057	50
	Grey	TRV 4	422 019	50	TRV 4 B	422 059	50
	Beige	TRV 4	422 010	50	TRV 4 B	422 050	50
	Yellow - Green						
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 6 mm ² / 6 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4			1 / B4		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See page 184 for usage of Dekafix			See page 184 for usage of Dekafix		



TRV series enables users to make electrical connections to LV transformers. While TRV 4 provides the connection with fast-on type terminals, TRV 4M realizes double terminal connection possible. Other members of this series give the opportunity of Setting double connection to cables with 10 mm² cross section and fuse usage.

TRV 4 M

Width: 15 mm
422 047 - Orange



TRV 4 S

Width: 12,5 mm
422 027 - Orange



TRV 4 T

Width: 12 mm
422 060 - Yellow - Green



TRV 10

Width: 22 mm
422 037 - Orange



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 25 A / 4 mm ²			500 V ~ / 10 A / 4 mm ²			- V ~ / - A / 4 mm ²			750 V ~ / 63 A / 10 mm ²		
600 V ~ / 20 A / AWG 26 - 10			300 V ~ / 10 A / AWG 26 - 10			- V ~ / - A / AWG 26 - 10			600 V ~ / 55 A / AWG 16 - 6		
0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			0,5 - 6 mm ² / 0,5 - 6 mm ²			1,5 - 25 mm ² / 1,5 - 16 mm ²		
26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²			16 - 6 / 1,5 - 16 mm ²		
10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			10 mm / 0,5 - 0,8 Nm			12 mm / 1,2 - 1,8 Nm		
IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x4,0)		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TRV 4 M	422 047	50	TRV 4 S	422 027	50				TRV 10	422 037	25
TRV 4 M	422 049	50	TRV 4 S	422 029	50				TRV 10	422 039	25
TRV 4 M	422 040	50	TRV 4 S	422 020	50				TRV 10	422 030	25
						TRV 4 T	422 027 T	50			
0,2 - 6 mm ² / 6 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 32 A			0,2 - 6 mm ² / 6 mm ² - 32 A			1,5 - 25 mm ² / 16 mm ² - 63 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B4			1 / B4			1 / B6		
IP 20 / -			IP 20 / -			IP 20 / PE			IP 20 / -		
See page 184 for usage of Dekafix			See page 184 for usage of Dekafix Terminals can be used with 5x20 fuses.			See page 184 for usage of Dekafix			See page 184 for usage of Dekafix		



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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



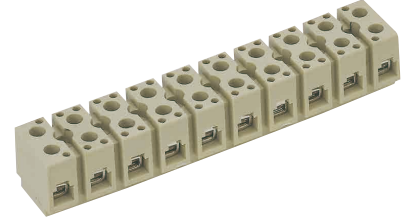
PSK 1/12



PSK 2/2



PSK 2/10

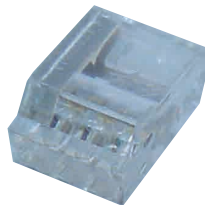


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
TSE (EN 60998-2-1)	400 V ~ / 24 A / 2,5 mm ²			660 V ~ / 41 A / 6 mm ²		
(IEC 60998-1, IEC 60998-2-1)						
Insulation Stripping Length	5 mm			9 mm		
Torque	0,4 - 0,6 Nm			0,5 - 0,8 Nm		
Screwdriver	IKT3 (0,6x3,5)			IKT3 (0,6x3,5)		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Push-in Type	PSK 1/2 (w/2)	420 020	100	PSK 2/2 (w/2)	421 020	100
	PSK 1/12 (w/12)	420 120	75	PSK 2/10 (w/10)	421 100	20

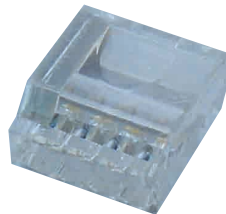
Junction Box Terminals

- Suitable for 1,5 - 2,5 mm² solid strand cables
- Cage clamp connection
- One-point test
- Disassembling by turning the cable left

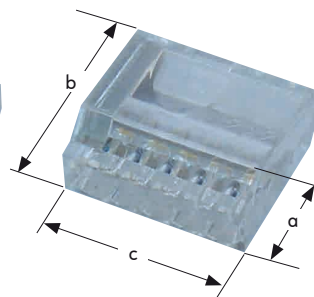
BUK 2,5/3



BUK 2,5/4



BUK 2,5/5

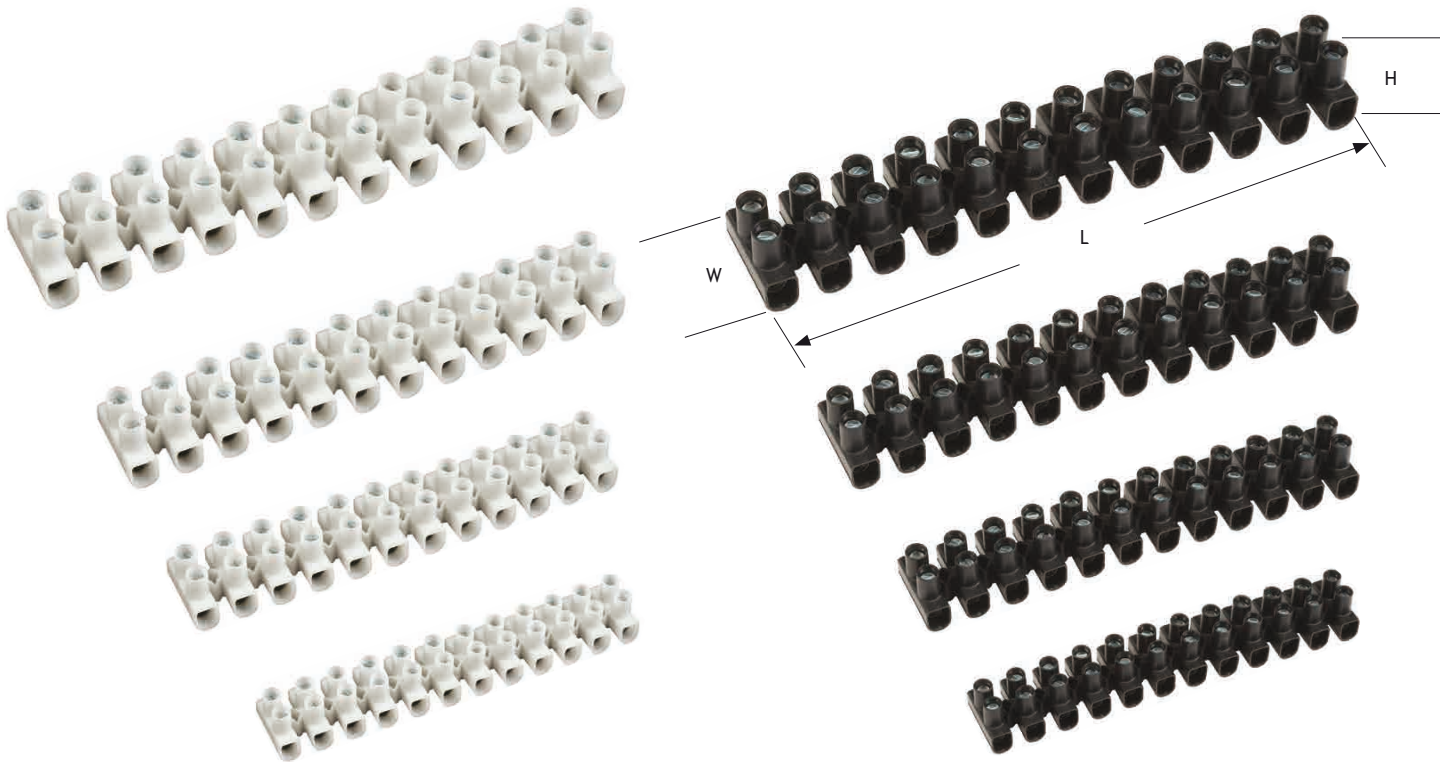


BUK 4/3

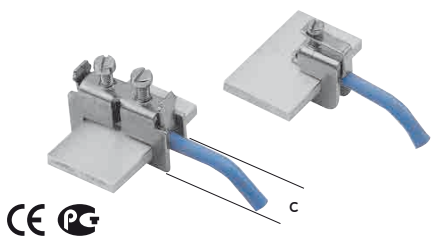


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V ~ / 24 A / 2,5 mm ²			450 V ~ / 24 A / 2,5 mm ²			450 V ~ / 24 A / 2,5 mm ²			450 V ~ / 32 A / 4 mm ²		
Connection Data												
Solid Strand	1,0 - 2,5 mm ²			1,0 - 2,5 mm ²			1,0 - 2,5 mm ²			0,5 - 4 mm ²		
Insulation Stripping Length	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		
Ordering Data	Type	Sip. No.	Qty.	Type	Sip. No.	Qty.	Type	Sip. No.	Qty.	Type	Sip. No.	Qty.
	BUK 2,5/3	425 235	100	BUK 2,5/4	425 245	100	BUK 2,5/5	425 255	100	BUK 4/3	425 350	50

Klemsan® Terminal Strips



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 mm ²	450 V ~ / 41 A / 4 mm ²	450 V ~ / 57 A / 6 mm ²	450 V ~ / 32 A / 2,5 mm ²								
UL	300 V ~ / 20 A / AWG 22 - 10	300 V ~ / 30 A / AWG 22 - 10	300 V ~ / 50 A / AWG 14 - 8	300 V ~ / 20 A / AWG 26 - 10								
Torque	0,4 Nm	0,5 Nm	0,8 Nm	0,4 Nm								
Connection Data												
Solid Strand, Screw Connection	0,75 - 4 mm ²	0,75 - 6 mm ²	1,5 - 6 mm ²	4 - 16 mm ²								
Fine Strand, Screw Connection	0,5 - 2,5 mm ²	0,5 - 4 mm ²	1,5 - 6 mm ²	4 - 10 mm ²								
Insulation Stripping Length / Torque	7 mm	8 mm	10 mm	10 mm								
AWG Conductor	22...12	22...10	14...8	10...6								
Ordering Data												
	Type	Sip. No	Qty.	Type	Sip. No	Qty.	Type	Sip. No	Qty.	Type	Sip. No	Qty.
Black (With Screw Blockage, Passivated)	SK 1	430 002	50	SK 2	430 012	50	SK 3	430 022	50	SK 4	430 032	50
Naturel (With Screw Blockage, Ni Coated)	SK 1	431 002	50	SK 2	431 012	50	SK 3	431 022	50	SK 4	431 032	50
Dimensions												
L	95			116			135			176		
W	16			19			22,5			25,3		
H	12,8			15			17,65			20,5		



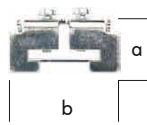
BIK 1
400 110

BIK 2
400 120

BIK 3
400 130

BIK 4
400 140

BIK 5
400 150



Electrical Ratings										
Cross-Section	1,5 - 6 mm ²		6 - 35 mm ²		6 - 35 mm ²		6 - 35 mm ²		6 - 35 mm ²	
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	
Ordering Data										
	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
	400 110	100	400 120	100	400 130	100	400 140	100	400 150	100
Connection Data										
Insulation Stripping Length	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	a	25,7	a	26,5	a	32,0	a	28,5
	b	39,7	b	44,0	b	54,0	b	54,0	b	44,0
	c	10,5	c	13,0	c	13,0	c	13,0	c	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

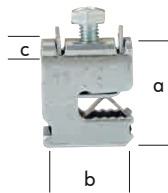
SBK 16/10
401 174

SBK 35/5
401 180

SBK 35/10
401 181

SBK 50/5
401 501

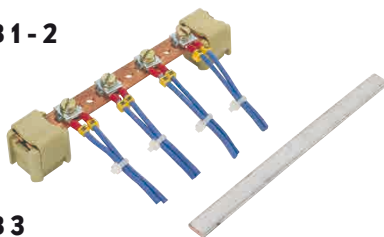
SBK 50/10
401 502



Electrical Ratings										
Cross-Section	1,5 - 16 mm ²		1,5 - 16 mm ²		16 - 35 mm ²		16 - 35 mm ²		25 - 50 mm ²	
Busbars Used	... x 5 mm		... x 10 mm		... x 5 mm		... x 10 mm		... x 5 mm	
Torque	4 Nm		4 Nm		6 Nm		6 Nm		8 Nm	
Ordering Data										
	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
	401 173	100	401 174	100	401 180	25	401 181	25	401 501	25
	401 502	25								
Connection Data										
Insulation Stripping Length	22 mm		22 mm		30 mm		30 mm		36 mm	
AWG Conductor	14 ... 6		14 ... 6		10 ... 2		10 ... 2		6 ... 10	
Dimensions										
	a	25,0	a	29,3	a	31,0	a	36,0	a	41,0
	b	21,5	b	21,5	b	29,0	b	29,0	b	35,0
	c	11,7	c	11,7	c	16,3	c	16,3	c	17,0

Busbars

KUB 1 - 2

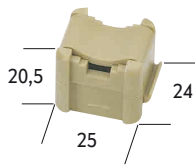


KUB 3

Single strand screw connection : 0,5 2,5 mm
Insulation Stripping Length : 9 mm

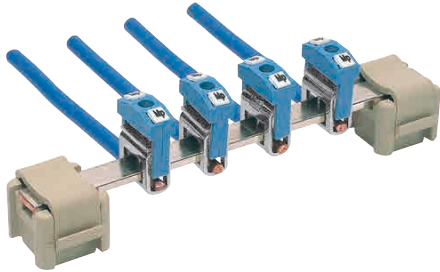
Type	Cat. No.	Current (A)	Material	Dimensions(mm)	Qty.
KUB 1	525 100	80	E - Cu	15 x 2	1 m
KUB 1/2	525 101	80	E - Cu	15 x 2	50 cm
KUB 2	525 200	140	E - Cu	15 x 3	1 m
KUB 2/2	525 201	140	E - Cu	15 x 3	50 cm
KUB 3	525 300	80	E - Cu	10 x 3	1 m
KUB 3/3	525 350	80	Kalay Kaplı E - Cu	10 x 3	1 m

Klemsan® Busbar Support Block

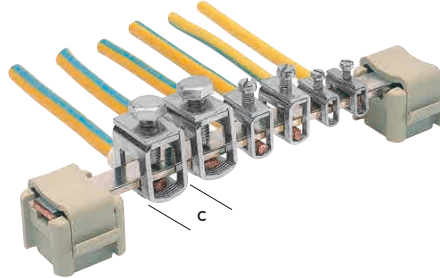


Type	Cat. No.	Dimensions	Material	Qty.
BM	528 110	15 x 2	PA 6,6	50
		15 x 3		
		12 x 2		
		10 x 3		
		6 x 6		

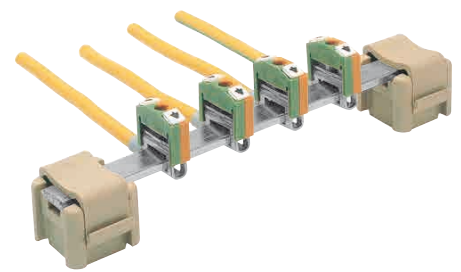
Clamping Yokes and Accessories



The clamping yokes can be slid onto the 10 x 3 busbar up to 50 mm² and the entire wiring matched to the installation.

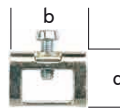


BK 4
525 361



BK 10
525 362

BK 35
525 363



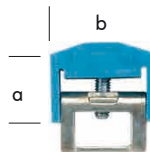
Electrical Ratings										
Cross-Section	4 mm ²			10 mm ²			35 mm ²			
Insulation Stripping Length	16 mm			19 mm			19 mm			
Fixing Screw	M 3			M 4			M 6			
Busbar Dimensions	10 x 3			10 x 3			10 x 3			
Torque	0,5 Nm			1,2 Nm			2,8 Nm			
Ordering Data										
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	BK 4	525 361	200	BK 10	525 362	100	BK 35	525 363	50	
Connection Data										
Solid Strand	0,5 ... 6 mm ²			1,5 ... 10 mm ²			16 ... 50 mm ²			
Fine Strand, AWG Conductor	0,5 ... 4 mm ² 20 ... 10			2,5 ... 10 mm ² 14 ... 6			16 ... 35 mm ² 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

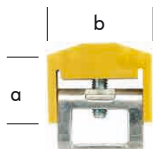
IBK 35
525 373



Electrical Ratings										
Cross-Section	4 mm ²			10 mm ²			35 mm ²			
Insulation Stripping Length	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			
Ordering Data										
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	IBK 4	525 371	100	IBK 10	525 372	100	IBK 35	525 373	50	
Connection Data										
Solid Strand	0,5 ... 6 mm ²			1,5 ... 10 mm ²			16 ... 50 mm ²			
Fine Strand, AWG Conductor	0,5 ... 4 mm ² 20 ... 10			2,5 ... 10 mm ² 14 ... 6			16 ... 35 mm ² 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 mm ²			10 mm ²			35 mm ²		
Insulation Stripping Length	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		
Ordering Data									
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	IBK 4	525 381	100	IBK 10	525 382	100	IBK 35	525 383	50
Connection Data									
Solid Strand	0,5 ... 6 mm ²			1,5 ... 10 mm ²			16 ... 50 mm ²		
Fine Strand,	0,5 ... 4 mm ²			2,5 ... 10 mm ²			16 ... 35 mm ²		
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			



Labeling with KLM - PS Plotter

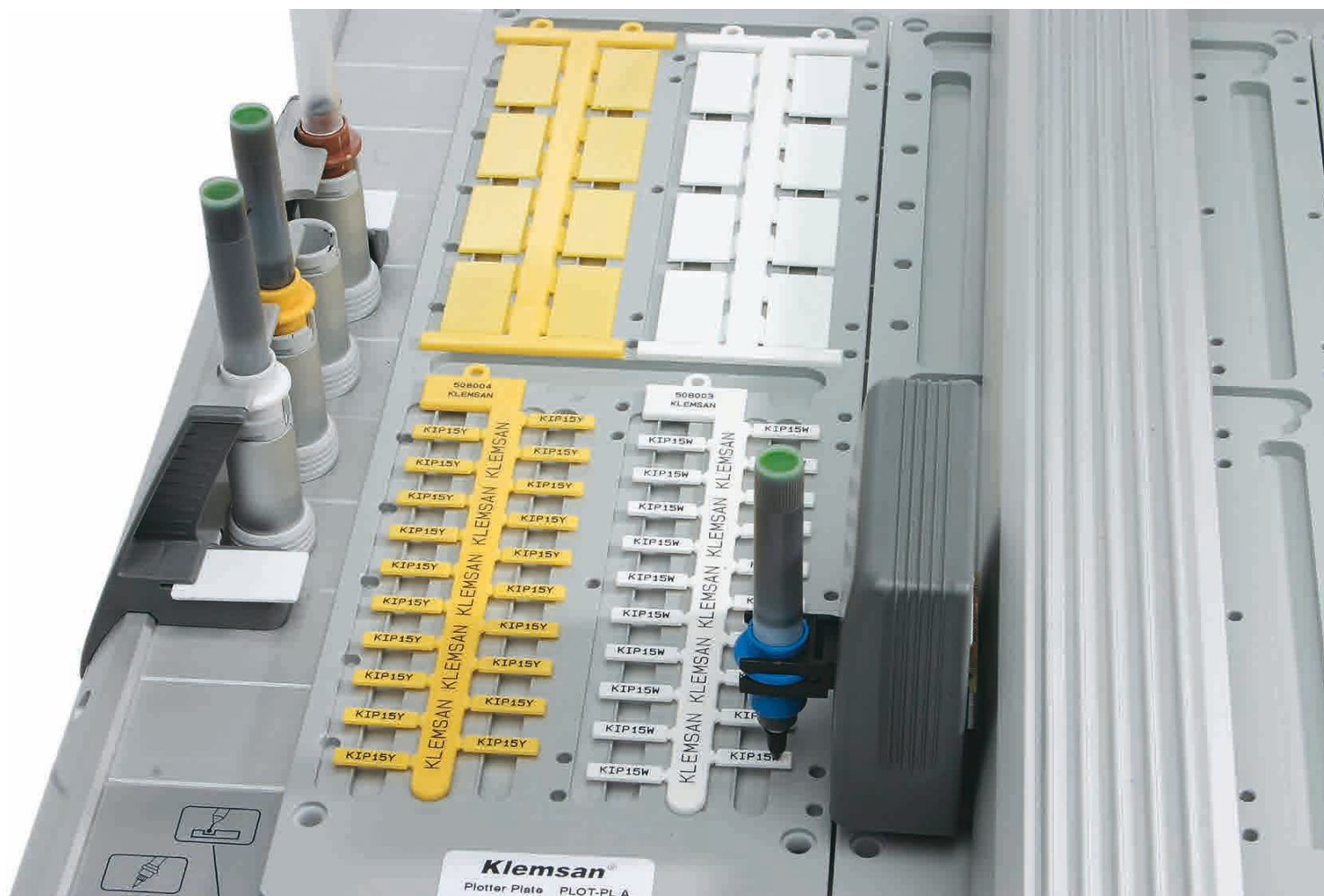
- Tags for Screw Connection Terminals
- Tags for Spring Clamp Terminals
- Tags for Practical Spring Clamp Terminals
- Marking Plates
- Tags for Contactors
- Contactor-MCB Tags
- Paper/Plastic Tags
- Panel and Push Button Tags

Labeling with Engraver

- Engraving Equipment

Klemark / Labeling with Thermal Printer

- Klemark Marking Tags



KLM-PS (Klemsan Plotter System)

Klemsan Plotter System is the general name of complete Marking Solutions developed for to answer all needs of market about labeling. KLM-PS is divided into two main parts; Pen Plotter and Engraver. The software HATTAT, which is developed for both systems, enables simple use to wide scale marking.

KLM-PS Software

HATTAT is the program specially developed for Klemsan Plotter Systems (KLM-PS). Main characteristic of the program is simplicity of loading and using. The HATTAT Software enables several different items to be labeled at the same time. It has an extensive library of items for labeling. The data structure is logical and user-friendly. As a result, the user can easily locate the items to be labeled in the library.

- System Requirements

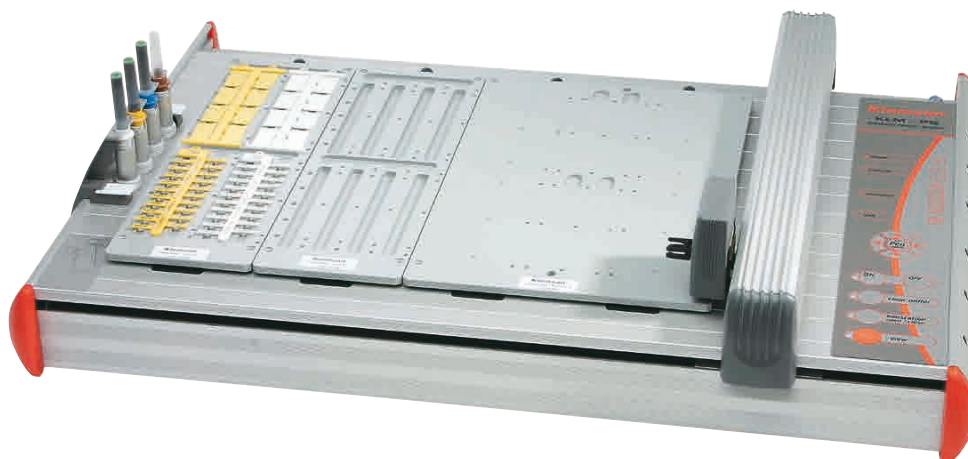
- Pentium II PC (200 MHz or higher)
- 64 MB RAM
- CD-ROM drive
- VGA Graphics Adaptor
- Monitor (256 colors, resolution 640x480)
- Operating System: Windows 98, ME, NT, 2000, XP

Cat. No.	Product	Conformity	Qty.
807 000	HATTAT	Windows 98, ME, NT, 2000 XP	1

PEN PLOTTER SYSTEM

Pen Plotter System is the labeling system which consists of one plotter and PC. System enables to label various kinds of tags by specially developed software. User can follow up by looking at the monitor and choose the right tag to be written easily. Marking is done on the standard polycarbon made blank tags which are resistible to rough environment conditions (dust, dirt and oil), frictions and ageing. System has a user friendly simple program working with Windows Operating System, and allows to import data from other files, such as E-Plan and Excel files.

Cat. No.	Product	Set of Items	Qty.
807 007	KLM-PS (A4) Set	KLM-PS A4 size Plotter / Hattat Software / A Type support plate / Pen Plotter S 0.35 mm	1
807 009	KLM-PS (A4)	KLM-PS A4 size Plotter	1
807 008	KLM-PS (A3) Set	KLM-PS A3 size Plotter / Hattat Software / A Type support plate / Pen Plotter S 0.35 mm	1
807 010	KLM-PS (A3)	KLM-PS A3 size Plotter	1



Klemsan®

PEN PLOTTER PLATES

There are 3 types of Plotter Plates which are specially developed for KLM-PS Pen Plotter System. These plates are classified as PLA, PLDB, PLKE . Each plate enables various kinds of tags to be written.

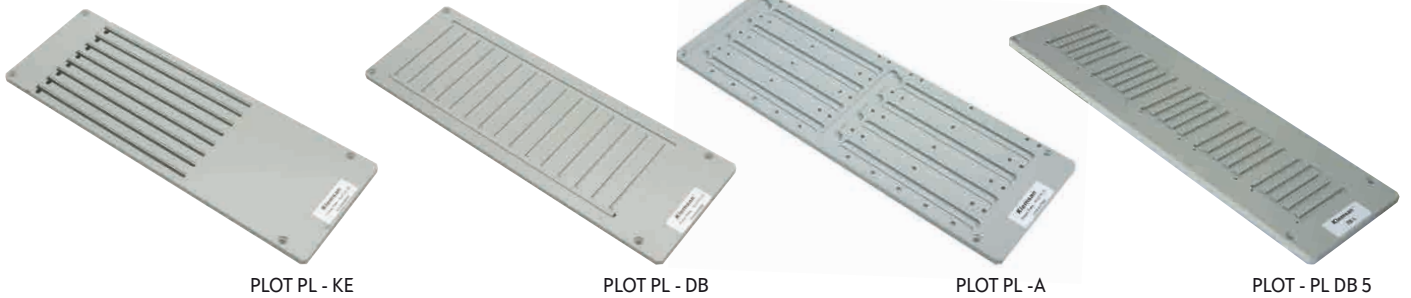
Cat. No.	Product	Qty.
807 021	PLOT PL - A	1
807 026	PLOT PL - DB	1
807 028	PLOT PL - DB 5	1
807 027	PLOT PL - KE	1
807 032	PLOT PL DB 4	1
807 034	PLOT PL KBE 4	1
807 033	PLOT PL-DB 4.5/7.5	1



PLOT PL - KBE 4

PLOT PL - DB 4

PLOT PL-DB 4.5/7.5



PLOT PL - KE

PLOT PL - DB

PLOT PL - A

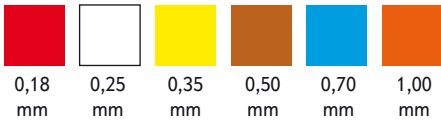
PLOT - PL DB 5

PLOTTER PENS

Plotter pens Terminals can be used with KLM-PS Plotter System and other plotter systems available on market. The special snap in closure systems makes plotter easy to handle with the optimized seal largely preventing the pens from drying out. Cartridges make it unnecessary to waste time refilling with ink.

➔ S Type Plotter Pens

The refillable plotter pen S Type is available with six widths,used with etching ink.

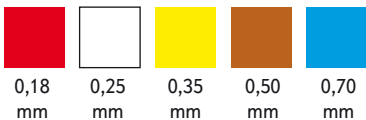


Cat. No.	Product	Width	Color	Qty.
807 040	PLO K-S 0,18 mm	0,18	Red	1
807 041	PLO K-S 0,25 mm	0,25	White	1
807 042	PLO K-S 0,35 mm	0,35	Yellow	1
807 043	PLO K-S 0,50 mm	0,50	Brown	1
807 044	PLO K-S 0,70 mm	0,70	Blue	1
807 045	PLO K-S 1,00 mm	1,00	Orange	1



➔ D Type Plotter Pens

The disposable plotter pen D Type is available with five widths. Once activated, pen should be kept in a dry,cool places,if not in use.







Cat. No.	Product	Width	Color	Qty.
807 046	PLO K-D 0,18 mm	0,18	Red	1
807 047	PLO K-D 0,25 mm	0,25	White	1
807 048	PLO K-D 0,35 mm	0,35	Yellow	1
807 049	PLO K-D 0,50 mm	0,50	Brown	1
807 050	PLO K-D 0,70 mm	0,70	Blue	1



➔ Hand Pens

Hand Pens are available with four widths, are used for additional identification and special labeling tasks. The use of special ink delivers some outstanding durability as with automatic labeling.

			
0,25 mm	0,35 mm	0,50 mm	0,70 mm

Cat. No.	Product	Width	Color	Qty.
807 051	PLO K-EL 0,25 mm	0,25	White	1
807 052	PLO K-EL 0,35 mm	0,35	Yellow	1
807 053	PLO K-EL 0,50 mm	0,50	Brown	1
807 054	PLO K-EL 0,70 mm	0,70	Blue	1



➔ Eco Series Plotter Pens

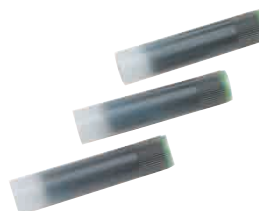
Eco series hand pens are produced with one side 0,35 mm width, the other 0,70 mm width. That gives possibility to label by one pen tags for terminals and tags with bigger sizes.

Cat. No.	Product	Width	Qty.
807 055	Pilot Hand Pen	0,35-0,70	12
807 907	Adaptor Pilot Pen Small		1
807 908	Adaptor Pilot Pen Large		1

INK

Ink cartridges containing special ink are suitable for marking, indentifying and labeling various plastics. It is fast-drying, smudge proof, light fast and resistant to spirits and petrol when used on suitable plastic material. It is possible to remove labels without damaging the underlying material by using the cleaning fluid.

Cat. No.	Product	Description	Qty.
807 070	PLOT KRT-P 1 ml.	5x1 ml. Cartridge	1
807 071	PLOT MR 30 ml.	30 ml. Ink	1



CLEANING KIT

An easy-to use cleaning is developed specially for Klemsan Plotter Pens. The cleaning Set enables the pens to be rinsed thoroughly while preventing skin contact with cleaning fluid or ink. The Set consists of a cleaning unit, the pen cleaner and two new caps, allowing two pens to be cleaned. The cleaning unit can be used for up to ten cleaning cycles.

Cat. No.	Product	Description	Qty.
807 080	PLOT TMZ S	Cleaning Kit	1
807 090	PLOT SLV 2x10 ml.	2x10 ml. Cleaning Fluid	1
807 091	PLOT SLV 2x10 ml.	30 ml. Cleaning Fluid	1
807 100	PLOT TMZ K	Cleaning Container	1



➔ KLM-PS Pen Plotter Carrying Bag

Trolley case is specially developed for carrying KLM-PS A4 Plotter.

Cat. No.	Product	Qty.
807 015	Carrying Bag for A Plotter	1



➔ Optical Measurement Tool

Optical measurement tool designed to state references at designer mode.

Cat. No.	Product	Qty.
807 019	Optical Measurement Tool	1



➔ KLM-PS Service Kit

4 pieces of pen stations and 10 pieces of test printing plastic replacements.

Cat. No.	Product	Qty.
807 012	KML-PS Service Kit	1



➔ Starter Kit

Starter Kit consists of S Type Plotter Pen, Ink Cartridge, 0.3 mm Permanent Plotter Pen, Cleaning Set.

Cat. No.	Product	Description	Qty.
807 030	START Set	807 042 S Type 0,35 mm Plotter Pen	1
		807 070 5x1 ml. Ink cartridge	1
		807 080 Cleaning Set	1
		0,3 mm Permanent Pen	1

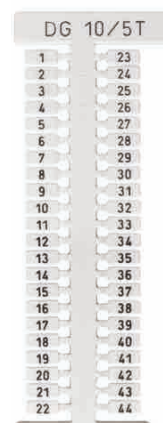


Labeling with KLM Plotter for Screw Type Terminals

DG 10/5



DG 10/5 T



Recommended Marking Tag ✓
Compatible Marking Tag ✓

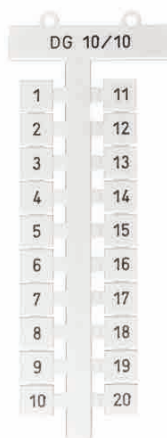
General Features		
Cat. No.	505 310	505 380
Dimensions	10 x 5	10 x 5
Quantity	440	440
Plotter Plate	PLOT PL - A	PLOT PL - A

Terminals used		
AVK 2,5..RD..CC..T RD.. CC T	✓	✓
PEK 2,5	✓	✓
PB Serisi	✓	✓
MVK 2,5..T		
MVK 4..T		
AVK 2,5/4TK..95 B..150 B..240 B	✓	✓
AVK 4A.. CE..CC..CCA..CEA..R	✓	✓
AVK 6..Y 6, PB 6..6T, 6TK	✓	✓
CPB, CPB 6B		
AVK 10..6/10T..10 RD4..10 T RD4..Y 10...10TK, PIK 10N	✓	✓
AVK 16..RD..T RD	✓	✓
AVK 35 RD..IRD..T RD..RDS...IRDS...T IRDS	✓	✓
PEK 35 ..I	✓	✓
AVK 2,5 C..CF..SKT..SKTD	✓	✓
PIK 2,5 N..NK..ND..NLD..2,5 NT	✓	✓
PIK 4 N..NK..ND..NLD..FS..4 NT	✓	✓
PUK 2 T	✓	✓
PUK 3..T..S..SLD(NPN)..SLD(PNP)	✓	✓
ASK 2 S..LD	✓	✓
ASK 3 M..MLD..F..FLD	✓	✓
AVK 4 S..LD / AVK 4 FS	✓	✓
ASK 2B	✓	✓
ASK 3 A..MB..FB	✓	✓
ASK 4 B	✓	✓
ASK 5..5B..5LD	✓	✓
WGO 1	✓	✓
WGO 2 N..IR	✓	✓
WGO 3, WGO Y, WGO PB 6, WGO PBD 6, WGO 4	✓	✓
WGL 1	✓	✓

Labeling with KLM Plotter for Screw Type Terminals

DG 10/10

DB 4



Recommended Marking Tag ✓
Compatible Marking Tag ✓

General Features		
Cat. No.	505 430	503 000
Dimensions	10 x 10	10 x 4
Quantity	200	500
Plotter Plate	PLOT PL - A	PLOT PL - DB 4

Terminals used		
AVK 2,5..RD..CC..T RD.. CC T		
MVK 2,5..T		
MVK 4..T		
AVK 2,5/4TK		
AVK 4A.. CE..CC..CCA..CEA..R		
PIK 2,5 NT		
AVK 6...6TK		
PIK 4 NT		
AVK 10..6/10T..10 RD4..10 T RD4, AVK Y 10...10TK, PIK10 N	✓	
AVK 16..RD..T RD / AVK 25 RD	✓	
YBK 2,5-3 FLD (NPN) - (PNP)		
AVK 35 RD..IRD..T RD..RDS...IRDS...T IRDS	✓	
PIK 2,5 N..NK..ND..NLD..2,5 NT		
PIK 4 N..NK..ND..NLD..FS..4 NT		
PUK 2 T		
PUK 3..T..S..SLD (NPN)..SLD (PNP)		
ASK 2 S..LD		
ASK 3 M..MLD..F..FLD		
ASK 4 S..LD	✓	
ASK 2B		
ASK 3 A..MB..FB		
ASK 4 B	✓	
ASK 5..5B..5LD		
WGO 1		
WGO 2 N..IR	✓	
WGO 3, WGO PBD 6, WGO 4	✓	
WGL 1		

Labeling with KLM Plotter for Practical Spring Terminals

DB 4

DG 10/5



Recommended Marking Tag ✓
Compatible Marking Tag ✓

General Features		
Cat. No.	503 000	505 310
Dimensions	10 x 4	10 x 5
Quantity	500	440
Plotter Plate	PLOT PL - DB 4	PLOT PL - A

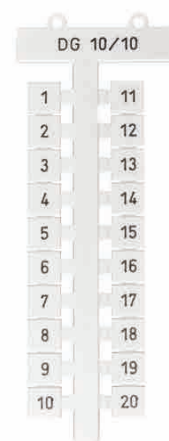
Terminals used		
PYK 1,5..T..M..C..E..CT..ET	✓	
PYK 2,5..A..CCA..EA..C..CT..E..ET		✓
PYK 4..T..E		✓
PYK 6..T		✓
PYK 10..T		✓
PYK 2,5..2F..2FK..2FLD..3F..2FT..3FT		✓
PYK 4-2F		✓
PYK 4..S..SLD		✓
PYK 4..I..ILD		✓
PYK 2,5..A..CCA		✓
PYK 3S		✓
PYK 3 SLD		✓
PYK TEST		✓
PYK TEST A		✓
PYKM 2,5		
PYKMR 2,5		✓

Labeling with KLM Plotter for Practical Spring Terminals

DG 10/8



DG 10/10



Recommended Marking Tag ✓

Compatible Marking Tag ✓

General Features		
Cat. No.	505 410	505 430
Dimensions	10 x 8	10 x 10
Quantity	260	200
Plotter Plate	PLOT PL - A	PLOT PL - A

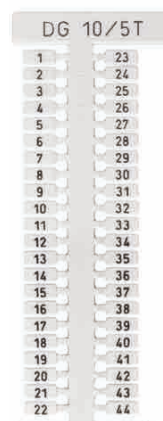
Terminals used		
PYK 1,5..T..M..C..E..CT..ET		
PYK 2,5..A..CCA..EA..C..CT..E..ET		
PYK 4..T..E		
PYK 6..T	✓	
PYK 10..T	✓	✓
PYK 2,5..2F..2FK..2FLD..3F..2FT..3FT..3FLD		
PYK 4-2F		
PYK 4S..SLD	✓	
PYK 4I..ILD	✓	
PYK 2,5..A..CCA		
PYK 3S		
PYK 3 SLD		
PYK TEST		
PYK TEST A		
PYKM 2,5		

Labeling with KLM Plotter for Practical Spring Terminals

DG 10/5



DG 10/5 T



Recommended Marking Tag ✓
Compatible Marking Tag ✓

General Features		
Cat. No.	505 310	505 380
Dimensions	10 x 5	10 x 5
Amb. Qty.i	440	440
Plotter Plate	PLOT PL - A	PLOT PL - A
Terminals used		
YBK 2,5..T..E..C..CX2..CD..CLD..CT..ET	✓	✓
YBK 4..T	✓	✓
YBK 6..T	✓	✓
YBK 10..T	✓	✓
MYK 2,5..T		
MYPK 2,5		
MYSK 2,5		
YBK 2,5-2F..2 FK..2 FD..2 FLD..3 F..2 FT..3 FT	✓	✓
YBK 4..2 F..2 FK..2 FD..2 FLD..	✓	✓
YBK 3 S..SLD (NPN)..SLD(PNP)..	✓	✓
YBK S	✓	✓
YBK SB	✓	✓
YBK SLD	✓	✓
YBK 2,5 A	✓	✓
YBK I	✓	✓
YBK IB	✓	✓
YBK ILD	✓	✓
PCY 2,5..N..E..L	✓	✓

DG 10/6



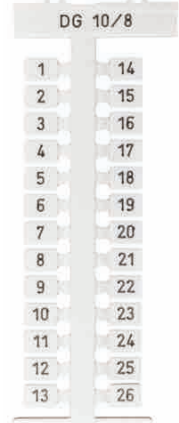
DG 10/6 T



DG 6/5



DG 10/8



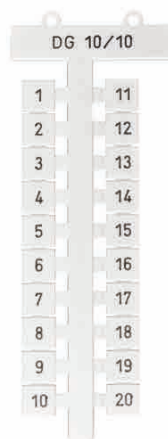
505 320	505 390	505 330	505 410
10 x 6	10 x 6	6 x 5	10 x 8
360	360	400	160
PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A
✓	✓	✓	
✓	✓	✓	
✓	✓	✓	✓
✓	✓	✓	✓
		✓	
		✓	
		✓	
✓	✓	✓	
✓	✓	✓	✓
✓	✓	✓	✓
		✓	
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
		✓	

Klemsan®

Labeling with KLM Plotter for Practical Spring Terminals

DG 10/10

DB 5



Recommended Marking Tag ✓
Compatible Marking Tag ✓

General Features		
Cat. No.	505 430	505 850
Dimensions	10 x 10	5 x 5
Quantity	200	500
Plotter Plate	PLOT PL - A	PLOT PL - DB 5

Terminals used		
YBK 2,5..T..E..C..CX2..CD..CLD..CT..ET		✓
YBK 4..T		✓
YBK 6..T		✓
YBK 10..T	✓	✓
MYK 2,5..T		✓
MYPK 2,5		✓
MYSK 2,5		✓
YBK 2,5-2F..2 FK..2 FD..2 FLD..3 F..2 FT..3 FT..3 FLD		✓
YBK 4..2 F..2 FK..2 FD..2 FLD..		✓
YBK 3 S..SLD(NPN)..SLD(PNP)..		✓
YBK S		✓
YBK SB		✓
YBK SLD		✓
YBK 2,5 A		✓
YBK I		✓
YBK IB		✓
YBK ILD		✓
PCY 2,5..N..E..L		✓

DB 10/5

DB 10/6

DB 10/6,5



505 910	505 915	505 920
10 x 5	10 x 6	10 x 6,5
500	500	500
PLOT PL - DB	PLOT PL - DB	PLOT PL - DB

✓		
✓	✓	
✓	✓	✓
✓	✓	✓
✓		
✓	✓	
✓		
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓		
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓		
✓	✓	✓

Klemsan® Cable Marking Tags Marking Plates

KIP 10 W



KIP 15 W

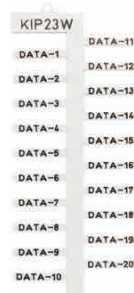


General Features		
Cat. No.	508 001	508 003
Dimensions	10 x 4	15 x 5
Quantity	480	480
Plotter Plate	PLOT PL - A	PLOT PL - A
Marking Plates		
Cat. No.	KIP 10 Y - 508 002 - Yellow	KIP 15 Y - 508 004 - Yellow
Amb. Qty.	480	480
Transparent Sleeves - 1,5 / 2,5 mm ²		
506 710 - KKS 10 / 1,5 - 2,5	✓	
506 711 - 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		
Transparent Sleeves - 2,5 / 4 mm ²		
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		
Transparent Sleeves - 6 / 10 mm ²		
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		
Transparent Sleeves - 16 / 25 mm ²		
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		



KIP 18 W

KIP 23 W



General Features		
Cat. No.	508 012	508 005
Dimensions	18 x 4	23 x 4
Quantity	240	240
Plotter Plate	PLOT PL - A	PLOT PL - A
Marking Plates		
Cat. No.	KIP 18 Y - 508 013 - Yellow	KIP 23 Y - 508 006 - Yellow
Amb. Qty.	240	240
Transparent Sleeves - 1,5 / 2,5 mm ²		
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		
Transparent Sleeves - 2,5 / 4 mm ²		
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		
Transparent Sleeves - 6 / 10 mm ²		
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		
Transparent Sleeves - 16 / 25 mm ²		
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		

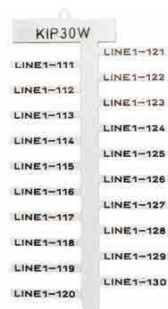


Klemsan®

Cable Labeling Elements

Marking Plates

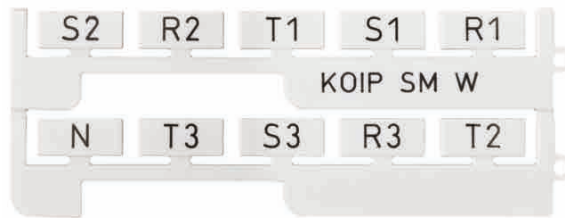
KIP 30 W



General Features		
Cat. No.	508 008	
Dimensions	30 x 4	
Quantity	240	
Plotter Plate	PLOT PL - A	
Marking Plates		
Cat. No.	KIP 30 Y - 508 009 - Yellow	
Amb. Qty.	240	
Transparent Sleeves - 1,5 / 2,5 mm ²		
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	✓	
Transparent Sleeves - 2,5 / 4 mm ²		
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	✓	
Transparent Sleeves - 6 / 10 mm ²		
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	✓	
Transparent Sleeves - 16 / 25 mm ²		
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	✓	



Labeling with KLM Plotter for Contactors



KOIP SM W

KOIP TT W

General Features	KOIP SM W	KOIP TT W
Cat. No.	508 051	508 057
Dimensions	20 x 9	17 x 8
Quantity	288	240
Plotter Plate	PLOT PL - A	PLOT PL - A
Description	Compatible with Siemens contactors	Compatible with Telemec tesys contactors

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

Labeling with KLM Plotter for Contactors - MSB

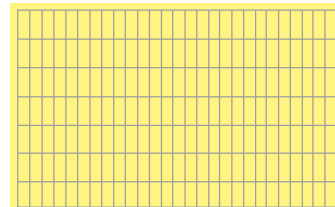


Y-KOIP 209 W
508 060 - White

Y-OIP 1710 W
508 065 - White

General Features	Y-KOIP 209 W	Y-OIP 1710 W
Cat. No.	Y-KOIP 209 Y - 508 061 - Yellow	Y-OIP 1710 Y - 508 066 - Yellow
Dimensions	20 x 9	17 x 9
Quantity	240	288
Plotter Plate	PLOT PL - A	PLOT PL - A
Description	Compatible with Siemens contactors	Compatible with Telemec tesys contactors

Paper / Plastic Tags Labeling with KLM Plotter



Cat. No.	Product	Dimensions (mm)	Plotter Plate	Description	Qty.
508 520	SIT FP 4407	7 x 44	PLOT PL-E	Paper Tags - ME3 Group Labels	136
508 530	SIFX 0615 Y	6 x 15	PLOT PL-E	Adhesive Plastic Labels Yellow	2.850
508 531	SIFX 0912 Y	9 x 12	PLOT PL-E	Adhesive Plastic Labels Yellow	2.300
508 532	SIFX 0915 Y	9 x 15	PLOT PL-E	Adhesive Plastic Labels Yellow	1.900
508 534	SIFX	6 x 43,8	PLOT PL-E	Adhesive Paper Labels - Yellow ME Group Labels	900

Klemsan®

Cable Tags

KBE 1



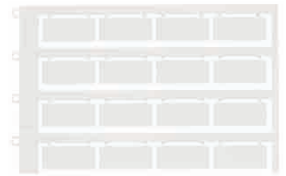
KBE 2



KBE 3

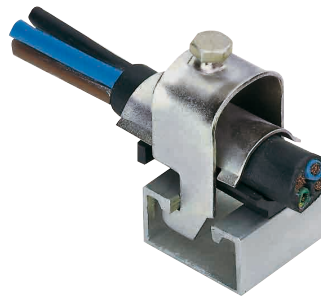


KBE 4



General Features				
Cat. No.	520 110	520 120	508 080	807 034
Dimensions (mm)	11,5 x 32,5	21,5 x 43,5	10,7 x 20,3	12 x 27
Max. Cable Tie Width (mm)	4,8	9,8	6	3
Qty.	100	100	120	160
Plotter Plate				PLOT KBE 4
Description				

Cable Clamps



K 1

K 2

K 3

General Features			
Cat. No.	510 110	510 120	510 130
Dimensions (mm)	19 x 51	22,5 x 50	28,5 x 55
Max. Cable Tie Width (mm)	8 - 12	11 - 18	12 - 23
Qty.	25	25	25
Description			

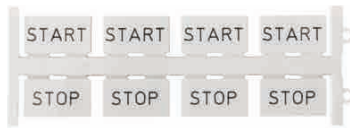
Cable Clamp Rail



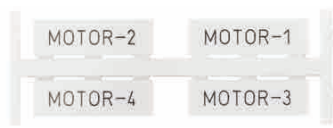
KR 1

General Features	
Cat. No.	510 500
Dimensions (mm)	20 x 35
Max. Cable Tie Width (mm)	-
Qty.	1 metre
Description	

PBIP 2715 W



PBIP 5015 W



PBIP 6715 W



General Features			
Cat. No.	508 800 White 508 801 Grey 508 802 Yellow	508 803 White 508 804 Grey 508 805 Yellow	508 806 White 508 807 Grey 508 808 Yellow
Dimensions (mm)	27 x 15	50 x 15	67 x 15
Amb. Qty.	192	96	96
Plotter Plate			



Panel Tag Holders

	Y-PAEK 1730	PAEK 1730	Y-PAEK 1752	PAEK 1752	Y-PAEK 1770	PAEK 1770
Cat. No.	508 600	508 603	508 601	508 604	508 602	508 605
Dimensions (mm)	17 x 30	17 x 30	17 x 52	17 x 52	17 x 70	17 x 70
Qty.	100	100	100	100	100	100
Description	Adhesive	Non-Adhesive	Adhesive	Non-Adhesive	Adhesive	Non-Adhesive



Push Button Tag Holders (Telemecanique)

	Y-BEK T	BEK T				
Cat. No.	508 701	508 705				
Dimensions (mm)	30 x 17	30 x 17				
Qty.	100	100				
Description	Adhesive	Non-Adhesive				



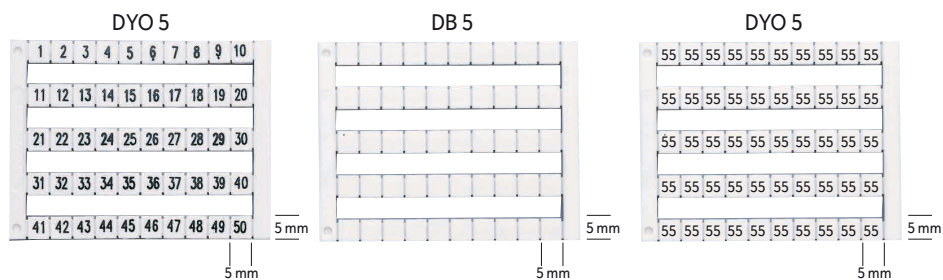
Push Button Tag Holders (22,5 mm²)

	Y-BEK S	BEK S				
Cat. No.	508 700	508 704				
Dimensions (mm)	30 x 17	30 x 17				
Qty.	100	100				
Description	Adhesive	Non-Adhesive				



Transparent Protector

	PBKP 2715	PBKP 5015	PBKB 6715
Cat. No.	508 813	508 814	508 815
Dimensions (mm)	27 x 15	50 x 15	67 x 15
Qty.	192	96	96



Cat.No.	Type	Description	Cat.No.	Type	Description	Cat.No.	Type	Description
505 000	DY 5	0	505 050	DY 5	501-550	505 077	DY 5	R
505 001	DY 5	1	505 051	DY 5	551-600	505 078	DY 5	S
505 002	DY 5	2	505 052	DY 5	601-650	505 079	DY 5	T
505 003	DY 5	3	505 053	DY 5	651-700	505 080	DY 5	U
505 004	DY 5	4	505 054	DY 5	701-750	505 081	DY 5	V
505 005	DY 5	5	505 055	DY 5	751-800	505 082	DY 5	W
505 006	DY 5	6	505 056	DY 5	801-850	505 083	DY 5	X
505 007	DY 5	7	505 057	DY 5	851-900	505 084	DY 5	Y
505 008	DY 5	8	505 058	DY 5	901-950	505 085	DY 5	Z
505 009	DY 5	9	505 059	DY 5	951-999	505 090	DY 5	L1
505 010	DY 5	10	505 060	DY 5	A	505 091	DY 5	L2
505 020	DY 5	1-10	505 061	DY 5	B	505 092	DY 5	L3
505 021	DY 5	11-20	505 062	DY 5	C	505 093	DY 5	R S T N ±
505 022	DY 5	21-30	505 063	DY 5	D	505 094	DY 5	Mp
505 023	DY 5	31-40	505 064	DY 5	E	505 095	DY 5	+
505 024	DY 5	41-50	505 065	DY 5	F	505 096	DY 5	-
505 030	DY 5	10, 20,30,.....100	505 066	DY 5	G	505 097	DY 5	±
505 040	DY 5	1-50	505 067	DY 5	H	505 098	DY5	PE
505 041	DY 5	51-100	505 068	DY 5	I	505 201	DY 10/6,5	1-10
505 042	DY 5	101-150	505 069	DY 5	J	505 202	DY 10/6,5	11-20
505 043	DY 5	151-200	505 070	DY 5	K	505 203	DY 10/6,5	21-30
505 044	DY 5	201-250	505 071	DY 5	L	505 204	DY 10/6,5	31-40
505 045	DY 5	251-300	505 072	DY 5	M	505 205	DY 10/6,5	41-50
505 046	DY 5	301-350	505 073	DY 5	N	505 206	DY 10/6,5	51-60
505 047	DY 5	351-400	505 074	DY 5	O	505 207	DY 10/6,5	61-70
505 048	DY 5	401-450	505 075	DY 5	P	505 208	DY 10/6,5	71-80
505 049	DY 5	451-500	505 076	DY 5	Q	505 209	DY 10/6,5	81-90
						505 210	DY 10/6,5	91-100

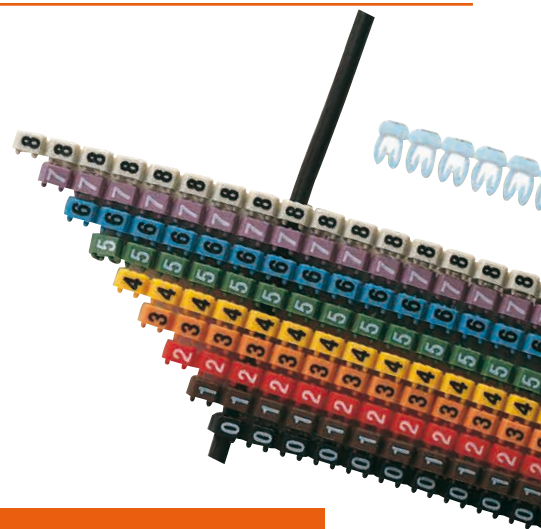
Tags for Transformer Terminal Blocks



General Features	
Cat. No.	505 340
Dimensions	7 x 5
Amb. Qty.	440
Plotter Plate	PLOT PL - A



General Features	
Cat. No.	505 700
Dimensions	7.5 x 4.5
Amb. Qty.	500
Plotter Plate	PLOT PL-DB 4.5/7.5



Type	Cross-Section
KG1	0,75-4
KG2	4-16
KE1 (Numbers)	0,50-1,5
KE2 (Numbers)	1,5-2,5
KE3 (Numbers)	4-6
KE1 (Letters, Signs)	0,50-1,5
KE2 (Letters, Signs)	1,5-2,5
KE3 (Letters, Signs)	4-6
KEB1 (Without Print)	0,50-1,5
KEB2 (Without Print)	1,5-2,5
KEB3 (Without Print)	4-6

KEB COLOR CODES

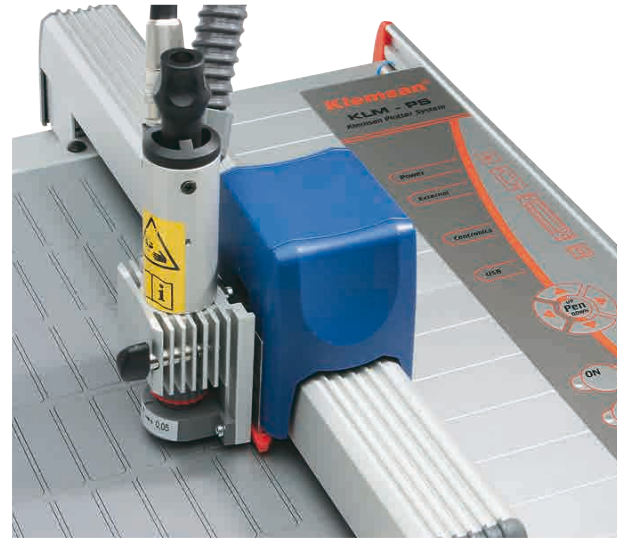
KEB1		KEB2		KEB3		Color				
519 514		519 524		519 534		500 Yellow				
Closed Type					Open Type					
Character	KG 1	KG 2	Packing	Color	Character	KE 1	KE 2	KE 3	Packing	Color
Numbers	Cat.No.	Cat.No.			Numbers	Cat.No.	Cat.No.	Cat.No.		
0	515 000	516 000	1000/500	Yellow	0	517 000	518 000	519 000	500	Black
1	515 001	516 001	1000/500	Yellow	1	517 001	518 001	519 001	500	Brown
2	515 002	516 002	1000/500	Yellow	2	517 002	518 002	519 002	500	Red
3	515 003	516 003	1000/500	Yellow	3	517 003	518 003	519 003	500	Orange
4	515 004	516 004	1000/500	Yellow	4	517 004	518 004	519 004	500	Yellow
5	515 005	516 005	1000/500	Yellow	5	517 005	518 005	519 005	500	Green
6	515 006	516 006	1000/500	Yellow	6	517 006	518 006	519 006	500	Blue
7	515 007	516 007	1000/500	Yellow	7	517 007	518 007	519 007	500	Mor
8	515 008	516 008	1000/500	Yellow	8	517 008	518 008	519 008	500	Grey
9	515 009	516 009	1000/500	Yellow	9	517 009	518 009	519 009	500	White
Letters					Letters					
A	515 010	516 010	1000/500	Yellow	A	517 010	518 010	519 010	200	Yellow
B	515 011	516 011	1000/500	Yellow	B	517 011	518 011	519 011	200	Yellow
C	515 012	516 012	1000/500	Yellow	C	517 012	518 012	519 012	200	Yellow
D	515 013	516 013	1000/500	Yellow	D	517 013	518 013	519 013	200	Yellow
E	515 014	516 014	1000/500	Yellow	E	517 014	518 014	519 014	200	Yellow
F	515 015	516 015	1000/500	Yellow	F	517 015	518 015	519 015	200	Yellow
G	515 016	516 016	1000/500	Yellow	G	517 016	518 016	519 016	200	Yellow
H	515 017	516 017	1000/500	Yellow	H	517 017	518 017	519 017	200	Yellow
I	515 018	516 018	1000/500	Yellow	I	517 018	518 018	519 018	200	Yellow
J	515 019	516 019	1000/500	Yellow	J	517 019	518 019	519 019	200	Yellow
K	515 020	516 020	1000/500	Yellow	K	517 020	518 020	519 020	200	Yellow
L	515 021	516 021	1000/500	Yellow	L	517 021	518 021	519 021	200	Yellow
M	515 022	516 022	1000/500	Yellow	M	517 022	518 022	519 022	200	Yellow
N	515 023	516 023	1000/500	Yellow	N	517 023	518 023	519 023	200	Yellow
O	515 024	516 024	1000/500	Yellow	O	517 024	518 024	519 024	200	Yellow
P	515 025	516 025	1000/500	Yellow	P	517 025	518 025	519 025	200	Yellow
Q	515 026	516 026	1000/500	Yellow	Q	517 026	518 026	519 026	200	Yellow
R	515 027	516 027	1000/500	Yellow	R	517 027	518 027	519 027	200	Yellow
S	515 028	516 028	1000/500	Yellow	S	517 028	518 028	519 028	200	Yellow
T	515 029	516 029	1000/500	Yellow	T	517 029	518 029	519 029	200	Yellow
U	515 030	516 030	1000/500	Yellow	U	517 030	518 030	519 030	200	Yellow
V	515 031	516 031	1000/500	Yellow	V	517 031	518 031	519 031	200	Yellow
W	515 032	516 032	1000/500	Yellow	W	517 032	518 032	519 032	200	Yellow
x	515 033	516 033	1000/500	Yellow	x	517 033	518 033	519 033	200	Yellow
Y	515 034	516 034	1000/500	Yellow	Y	517 034	518 034	519 034	200	Yellow
Z	515 035	516 035	1000/500	Yellow	Z	517 035	518 035	519 035	200	Yellow
Signs					Signs					
Mp	515 040	516 040	1000/500	Blue	Mp	517 040	518 040	519 040	200	Yellow
S	515 041	516 041	1000/500	Green	S	517 041	518 041	519 041	200	Yellow
T	515 042	516 042	1000/500	Red	T	517 012	518 042	519 042	200	Yellow
+	515 043	516 043	1000/500	Red	+	517 043	518 043	519 043	200	Yellow
-	515 044	516 044	1000/500	Blue	-	517 044	518 044	519 044	200	Yellow
≠	515 045	516 045	1000/500	Yellow	≠	517 045	518 045	519 045	200	Yellow
(	515 046	516 046	1000/500	Yellow	(	517 046	518 046	519 046	200	Yellow
.	515 047	516 047	1000/500	Yellow	.	517 047	518 047	519 047	200	Yellow
/	515 048	516 048	1000/500	Yellow	/	517 048	518 048	519 048	200	Yellow

Klemsan®

Labeling with Engraver

KLM-PS Engraver System

The Engraving Unit was specifically designed for getting adapted to KLM-PS (A3/A4) Plotters and for easy changing back and forth between the Pen Plotter and Engraver. The main purpose of engraving unit is to inlay pre-cut or blank double sided materials, push buttons, tough surfaces like aluminum etc. with the help of various needles to get a permanent marking. Vacuum cleaner allows collecting the bream occurred at the time of engraving. It is possible to design customized A4 tags.



Cat. No.	Product	Product Set	Qty.
807 011	KLM-PS Engraver Set	KLM-PS ENGRAVER, E Type Engraving Plate, A4 Size Blank Engraving Tag	1

KLM-PS Engraver Equipments



Vario Engraving Controller



Vacuum Cleaner



Engraving Head



Engraving Spindle

KLM-PS Engraver Plate

A4 size plate designed for usage with Engraving Unit contains a sticky surface that prevents labels from sliding during engraving operation. Terminals can be used with plotting mode.

Cat. No.	Product	Description	Qty.
807 025	PLOT PL - E	Engraver Plate	1
807 029	KLM-PS A3 Adhesive Plate		1



KLM-PS Engraver Needles

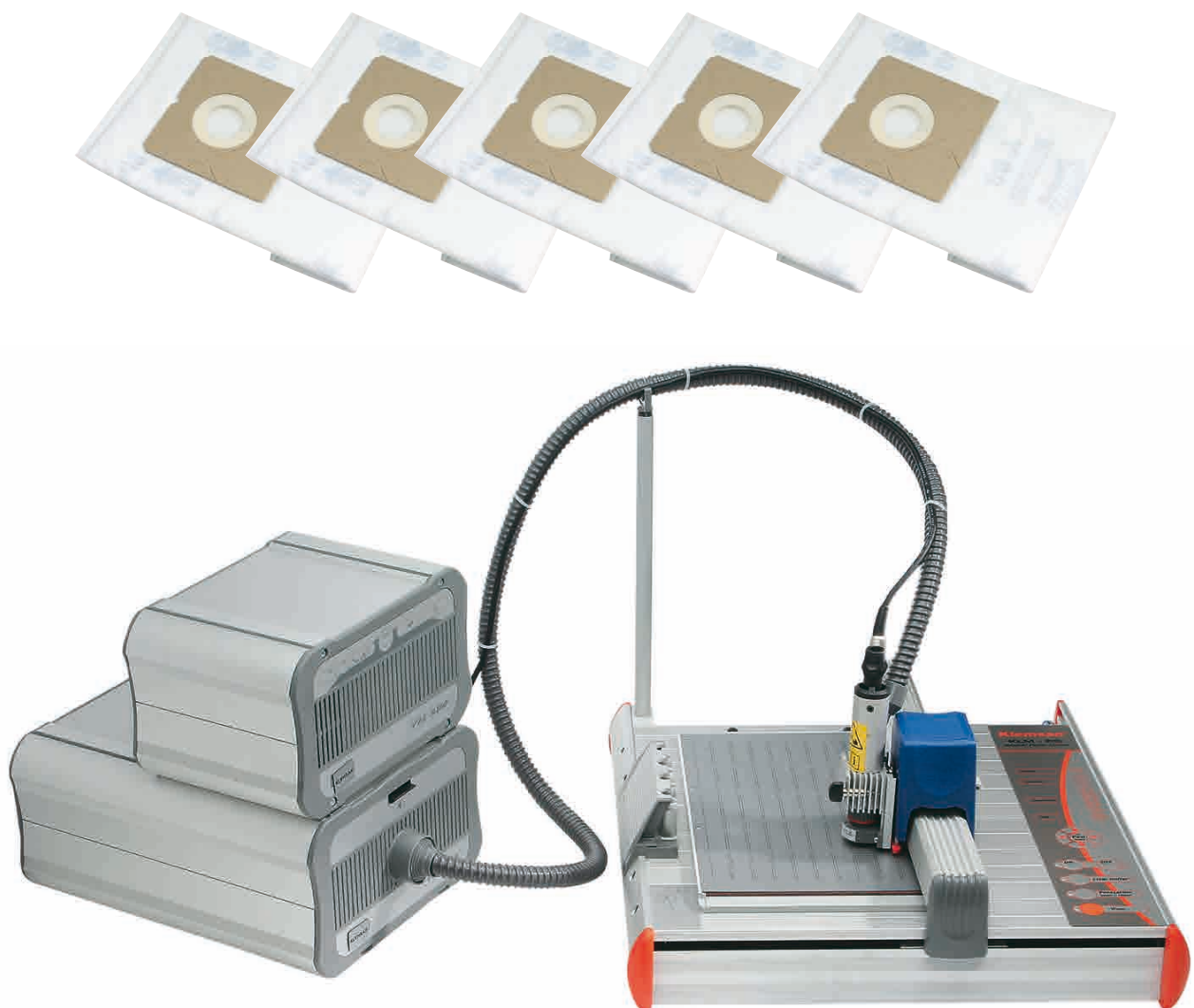
Cat. No.	Product	Description	Qty.
807 060	EKI - 0,2 mm 15°	Engraving Plate	1
807 061	EKI - 0,3 mm 15°	0,2 mm Width ,15° Engraving Needle	1
807 062	EKI - 0,4 mm 15°	0,4 mm Width,15° Engraving Needle	1
807 063	EKI - 0,5 mm 15°	0,5 mm Width,15° Engraving Needle	1
807 064	EKI - 0,7 mm 15°	0,7 mm Width,15° Engraving Needle	1
807 065	EKI - 1,0 mm 15°	1,0 mm Width,15° Engraving Needle	1
807 066	EKI - Set	Set of 0,2; 0,3; 0,4; 0,5; 0,7; 1,0 mm - 15° Engraving Needle	1
807 067	EKI - 0,5 mm 90°	0.5 mm Width, 90° Engraving Needle	1
807 068	EKI - 0,7 mm 90°	0,7 mm Width, 90° Engraving Needle	1
807 069	EKI - 1,0 mm 90°	1,0 mm Width, 90° Engraving Needle	1
807 079	EKI - 0,4 mm 35°	0,4 mm Width, 90° Engraving Needle	1



Vacuum Cleaning Bag

Cleaning bag is inside of the Vacuum cleaner and with the help of the bag, vacuum cleaner keeps inside the resultant particles during engraving and enables the system to be used in the office.

Cat. No.	Product	Description	Qty.
807 020	EVT - T	Vacuum Cleaning Bag 5 pcs.	1

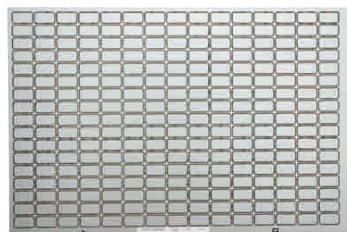


Klemsan®

Engraver Marking Tags



KLM - 70 x 35 S/B RND SA



KLM - 17 x 9 S/B RND SA



KLM - 19 x 45 S/B RND SA

KLM-PS Precut Double Layer Plastic Engraver Tags

9 x 26 mm

Cat. No.	Product	Description	Qty.
808 000	KLM - 9 x 26 S/B SA	Silver / Black Self Adhesive Tag	210

10 x 25 mm

Cat. No.	Product	Description	Qty.
808 001	KLM - 10 x 25 W/B SA	White / Black Self Adhesive Tag	189

10 x 30 mm

Cat. No.	Product	Description	Qty.
808 002	KLM - 10 x 30 S/B SA	Silver / Black Self Adhesive Tag	162

14 x 45 mm

Cat. No.	Product	Description	Qty.
808 003	KLM - 14 x 45 S/B SA	Silver / Black Self Adhesive Tag	80
808 004	KLM - 14 x 45 W/B SA	White / Black Self Adhesive Tag	80

17 x 6 mm

Cat. No.	Product	Description	Qty.
808 005	KLM - 17 x 6 S/B SA	Silver / Black Self Adhesive Tag	448

17 x 9 mm

Cat. No.	Product	Description	Qty.
808 006	KLM - 17 x 9 Y/B SA	Yellow / Black Self Adhesive Tag	304
808 007	KLM - 17 x 9 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	255
808 008	KLM - 17 x 9 W/B RND SA	White / Black Self Adhesive Round Corner Tag	255

18 x 9 mm

Cat. No.	Product	Description	Qty.
808 009	KLM - 18 x 9 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	238
808 010	KLM - 18 x 9 W/B RND SA	White / Black Self Adhesive Round Corner Tag	238

19 x 45 mm

Cat. No.	Product	Description	Qty.
808 011	KLM - 19 x 45 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	56
808 012	KLM - 19 x 45 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	56
808 013	KLM - 19 x 45 W/B RND SA	White / Black Self Adhesive Round Corner Tag	56

22 x 22 mm

Cat. No.	Product	Description	Qty.
808 014	KLM - 22 x 22 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	84
808 015	KLM - 22 x 22 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	84
808 016	KLM - 22 x 22 W/B RND SA	White / Black Self Adhesive Round Corner Tag	84

25 x 60 mm

Cat. No.	Product	Description	Qty.
808 017	KLM - 25 x 60 W/B RND SA	White / Black Self Adhesive Round Corner Tag	30

Klemsan®

Engraver Marking Tags



KLM - 70 x 35 S/B RND SA

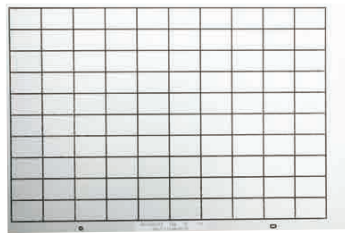
27 x 12 mm

Cat. No.	Product	Description	Qty.
808 018	KLM - 27 x 12 W/B SA	White / Black Self Adhesive Tag	140
808 019	KLM - 27 x 12 W/B SA 2x3 mm	White / Black Self Adhesive Tag 2x3 mm Punched	140

27 x 12,5 mm

Cat. No.	Product	Description	Qty.
808 020	KLM - 27 x 12,5 S/B SB BRS. RND SA	Silver / Black Self Adhesive Round Corner Brushed Tag	120
808 021	KLM - 27 x 12,5 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	120
808 022	KLM - 27 x 12,5 S/B SA	Silver / Black Self Adhesive Tag	140
808 023	KLM - 27 x 12,5 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	120
808 024	KLM - 27 x 12,5 W/B RND SA	White / Black Self Adhesive Round Corner Tag	120
808 025	KLM - 27 x 12,5 W/B RND SA 1x3,2 mm	White / Black Self Adhesive Round Corner Tag 1x3,2 mm Punched	120
808 026	KLM - 27 x 12,5 W/B SA	White / Black Self Adhesive Tag	140

27 x 18 mm



KLM - 27 x 18 S/B SA

Cat. No.	Product	Description	Qty.
808 027	KLM - 27 x 18 Y/B SA	Yellow / Black Self Adhesive Tag	100
808 028	KLM - 27 x 18 R/W SA	Red / White Self Adhesive Tag	100
808 029	KLM - 27 x 18 S/B BRS. RND SA	Silver / Black Self Adhesive Round Corner Brushed Tag	90
808 030	KLM - 27 x 18 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	90
808 031	KLM - 27 x 18 S/B RND SL	Silver / Black Round Corner Sticking on Layer Tag	90
808 032	KLM - 27 x 18 S/B SA	Silver / Black Self Adhesive Tag	100
808 033	KLM - 27 x 18 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	90
808 034	KLM - 27 x 18 G/B SA	Grey / Black Self Adhesive Tag	100
808 035	KLM - 27 x 18 W/B RND SA	White / Black Self Adhesive Round Corner Tag	90
808 036	KLM - 27 x 18 W/B SA	White / Black Self Adhesive Tag	100

27 x 27 mm

Cat. No.	Product	Description	Qty.
808 037	KLM - 27 x 27 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	60
808 038	KLM - 27 x 27 W/B RND SA	White / Black Self Adhesive Round Corner Tag	60



KLM - 30 x 15 S/B SA

30 x 15 mm

Cat. No.	Product	Description	Qty.
808 039	KLM - 30 x 15 S/B RND SA 2x3 mm	Silver / Black Self Adhesive Round Corner Tag 2x3 mm Punched	99
808 040	KLM - 30 x 15 S/B SA	Silver / Black Self Adhesive Tag	108
808 041	KLM - 30 x 15 W/B RND SA 2x3 mm	White / Black Self Adhesive Round Corner Tag 2x3 mm Punched	99
808 042	KLM - 30 x 15 W/B SA	White / Black Self Adhesive Tag	108

35 x 20 mm

Cat. No.	Product	Description	Qty.
808 043	KLM - 35 x 20 W/B SL	White / Black Sticking on Layer Tag	72
808 044	KLM - 35 x 20 W/B SA	White / Black Self Adhesive Tag	72

KLM-PS Precut Double Layer Plastic Engraver Tags

70 x 35 mm



KLM - 70 x 35 S/B RND SA

Cat. No.	Product	Description	Qty.
808 045	KLM - 70 x 35 S/B SL 2x2,6 mm	Silver / Black Sticking on Layer Tag 2x2,6 mm Punched	20
808 046	KLM - 70 x 35 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	20
808 047	KLM - 70 x 35 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	20
808 048	KLM - 70 x 35 W/B RND SA 2x3 mm	White / Black Self Adhesive Round Corner Tag 2x3 mm Punched	20

95 x 45 mm

Cat. No.	Product	Description	Qty.
808 049	KLM - 95 x 45 S/B SA	Silver / Black Self Adhesive Tag	12
808 050	KLM - 95 x 45 W/B SA	White / Black Self Adhesive Tag	12

120 x 35 mm



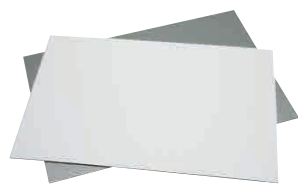
KLM - 120 x 35 S/B RND SA

Cat. No.	Product	Description	Qty.
808 051	KLM - 120 x 35 S/B SA	Silver / Black Self Adhesive Tag	10
808 052	KLM - 120 x 35 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	10
808 053	KLM - 120 x 35 G/B SA	Grey / Black Self Adhesive Tag	10

KLM RE D = 25

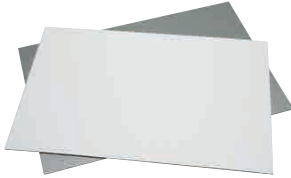
Cat. No.	Product	Description	Qty.
808 054	KLM - RE D = 25 W/B SA 1x3 mm	White / Black Self Adhesive Round Corner Tag 1x3 mm Punched	77
808 055	KLM - RE D = 25 W/B SL 1x3 mm	White / Black Sticking on Layer Round Tag 1x3 mm Punched	77
808 056	KLM - RE D = 25 S/B SL 1x2,5 mm MS 1,5	Silver / Black Sticking on Layer Round Tag 1x2,5 mm Punched	77
808 057	KLM - RE D = 25 G/B SL 1x2,5 mm	Grey / Black Sticking on Layer Round Tag 1x2,5 mm Punched	77

KLM-PS Blank Double Layer Plastic Engraver Tags



Cat. No.	Product	Width (mm)	Description	Qty.
808 200	KLM - 300 x 200 mm S/B SA	1,5	Silver / Black Self Adhesive Blank A4 Tag	1
808 201	KLM - 300 x 200 mm W/B SA	1,5	White / Black Self Adhesive Blank A4 Tag	1
808 250	KLM - PLY2 - 200 W/B	0,8	White / Black Self Adhesive Blank A4 Tag	1
808 251	KLM - PLY2 - 202 W/R	0,8	White / Red Self Adhesive Blank A4 Tag	1
808 252	KLM - PLY2 - 234 Y/R	0,8	Yellow / Red Self Adhesive Blank A4 Tag	1
808 253	KLM - PLY2 - 235 Y/B	0,8	Yellow / Black Self Adhesive Blank A4 Tag	1
808 254	KLM - PLY2 - 236 SY/B	0,8	Security Yellow / Black Self Adhesive Blank A4 Tag	1
808 255	KLM - PLY2 - 277 O/W	0,8	Orange / White Self Adhesive Blank A4 Tag	1
808 256	KLM - PLY2 - 210 B/W	0,8	Black / White Self Adhesive Blank A4 Tag	1
808 257	KLM - PLY2 - 281 GS/B	0,8	Glossy Silver / Black Self Adhesive Blank A4 Tag	1
808 258	KLM - PLY2 - 282 GGL/B	0,8	Glossy Gold / Black Self Adhesive Blank A4 Tag	1
808 259	KLM - PLY2 - 248 R/W	0,8	Red / White Self Adhesive Blank A4 Tag	1

Klemsan® Engraver Marking Tags



KLM-PS Blank Double Layer Plastic Engraver Tags

Cat. No.	Product	Width (mm)	Description	Qty.
808 300	KLM - LZ - 901 B/W	1,6	Black / White Self Adhesive Blank A4 Tag	1
808 301	KLM - LZ - 902 W/B	1,6	White / Black Self Adhesive Blank A4 Tag	1
808 302	KLM - LZ - 903 R/W	1,6	Red / White Self Adhesive Blank A4 Tag	1
808 303	KLM - LZ - 906 Y/B	1,6	Yellow / Black Self Adhesive Blank A4 Tag	1
808 304	KLM - LZ - 933 G/W	1,6	Grey / White Self Adhesive Blank A4 Tag	1
808 305	KLM - LZ - 916 W/R	1,6	White / Red Self Adhesive Blank A4 Tag	1
808 306	KLM - LZ - 993 S/B	1,6	Silver / Black Self Adhesive Blank A4 Tag	1
808 307	KLM - LZ - 992 GL/B	1,6	Gold / Black Self Adhesive Blank A4 Tag	1
808 350	KLM - LZR - 901 B	1,6	Black for Reverse Labeling Self Adhesive Blank A4 Tag	1
808 351	KLM - LZR - 906 Y	1,6	Yellow for Reverse Labeling Self Adhesive Blank A4 Tag	1

KLM-PS Aluminium Engraver Tags

30 x 15 mm

Cat. No.	Product	Description	Qty.
808 100	KLM - ALU 30x15 S RND SR 2x2,2 mm	Silver Color Round Corner 2 x 2,2 mm Punched	130
808 101	KLM - ALU 30x15 S RND SR 2x4 mm	Silver Color Round Corner 2 x 4 mm Punched	130
808 104	KLM - ALU 30x15 RND 2x2,2 mm	Round Corner 2 x 2,2 mm Punched	130

KLM - ALU RE D = 25

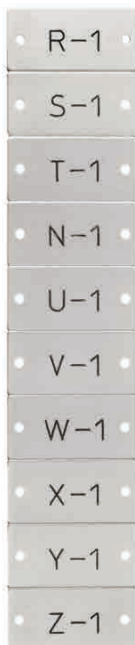
Cat. No.	Product	Description	Qty.
808 102	KLM - ALU RE D=25 S SL 1x3,2 mm	Silver Color Round Corner 1 x 3,2 mm Punched	70
808 103	KLM - ALU RE D=25 B SL 1x3,2 mm	Black Color Round Corner 1 x 3,2 mm Punched	70

55 x 20 mm

Cat. No.	Product	Description	Qty.
808 105	KLM - ALU 55x20 S SL	Silver Color	50
808 106	KLM - ALU 55x20 S SL 2x2,5 mm	Silver Color 2 x 2,5 mm Punched	50

40 x 15 mm

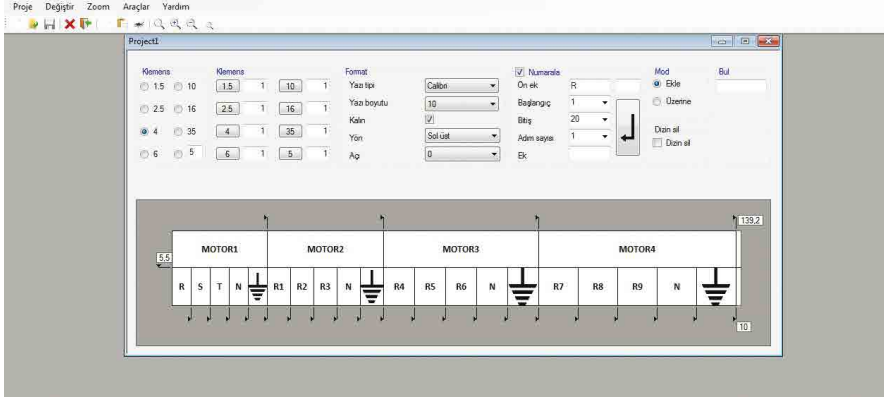
Cat. No.	Product	Description	Qty.
808 107	KLM - ALU 40x15 S SL	Silver Color	91
808 108	KLM - ALU 40x15 S SL RND 2x2,5 mm	Silver Color 2 x 2,5 mm Punched	91



Klemark

Klemark-Klemsan new thermal printer is used for labeling practical spring clamp terminals(PYK). It provides serial and practical solution to the user, as well as high printing speed and resolution of 300 dpi.

Cat. No.	Product	Qty.
1020 000	Klemark Thermal Printer	1

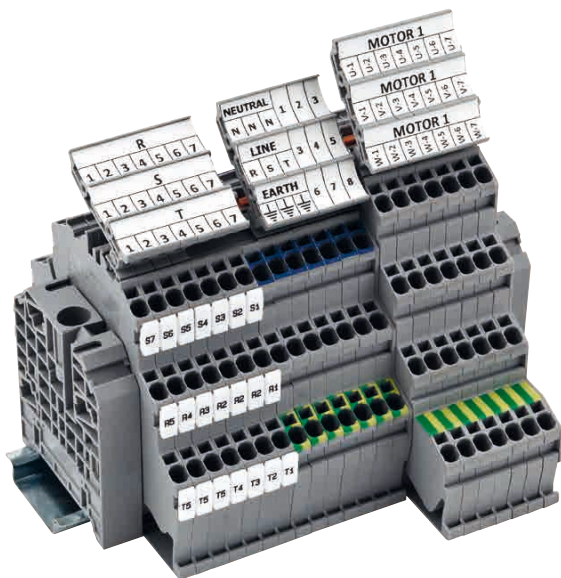


Klemark Software* was developed to easily design and print tags with the help of thermal printer.

* This software is given free of charge with Klemark Printer.

Cat.No.	Product	Width (mm)	Leigth (mm)	Qty.
1020 100	Marking Strip (PYK Terminals)	11.2	15	1

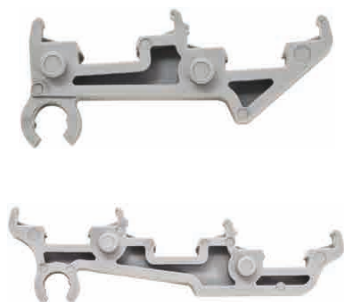




Cat. No.	Terminals
307 010	PYK 1,5 M
307 109	PYK 2,5
307 119	PYK 4
307 129	PYK 6
307 139	PYK 10
336 440	PYK 1,5 MT
336 500	PYK 2,5 T
336 510	PYK 4 T
336 520	PYK 6 T
336 530	PYK 10 T
307 179	PYK 2,5 - 2 F
307 239	PYK 2,5 - 2 FK
337 149	PYK 2,5 - 2 FLD 24 VDC
307 359	PYK 2,5 - 2 FLD - 220 V AC
307 579	PYK 4 - 2FN
307 229	PYK 4 E
307 199	PYK 2,5 - 3 F
307 399	PYK M 2,5
336 430	PYKM 2,5 T
307 189	PYK 2,5 - 2 FT
307 209	PYK 2,5 - 3 FT
307 169	PYK 2,5 A
324 939	PYK 2,5 EA
307 219	PYK 2,5 CCA
307 039	PYK 1,5 ME
336 460	PYK 1,5 MET
307 439	PYK 2,5 E
336 550	PYK 2,5 ET
307 029	PYK 1,5 MC
336 450	PYK 1,5 MCT
307 389	PYK 2,5 C
336 540	PYK 2,5 CT
304 500	AVK Y4
304 510	AVK Y6
304 520	AVK Y10
307 499	PYKMR 2,5

Group Marking for Multilevel Practical Spring Clamp Terminals

Cat. No.	Product	Description	Compatible with	Qty.
498 210	ETS 2 PYK 2,5	Group Marking Carrier (two levels) Beige	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	50
498 219	ETS 2 PYK 2,5	Group Marking Carrier (two levels) Grey	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	50
498 217	ETS 2 PYK 2,5	Group Marking Carrier (two levels) Orange	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	50
498 220	ETS 3 PYK 2,5	Group Marking Carrier (three levels) Beige	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	50
498 229	ETS 3 PYK 2,5	Group Marking Carrier (three levels) Grey	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	50
498 227	ETS 3 PYK 2,5	Group Marking Carrier (three levels) Orange	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	50
498 230	ETS 2 PYK 4	Group Marking Carrier (two levels) Beige	PYK 4 - 2FN	25
498 239	ETS 2 PYK 4	Group Marking Carrier (two levels) Grey	PYK 4 - 2FN	25
498 237	ETS 2 PYK 4	Group Marking Carrier (two levels) Orange	PYK 4 - 2FN	25



MR 32

MR 35 x 7,5

MR 35 x 7,5



General Features			
Cat. No.	500 101	500 601	500 602
Unit Length (m)	1	1	1
Description	Non-Slotted	Non-Slotted	Slotted
Amb. Qty.	10	100	100

General Features			
Cat. No.		500 603	500 604
Unit Length (m)		2	2
Description		Non-Slotted	Slotted
Amb. Qty.		20	20

General Features			
Cat. No.		500 603	
Unit Length (m)		30	
Description		Non-Slotted	
Amb. Qty.		20	

MR 35 x 15

MR 35 x 15

MR 15 x 5,5

MR 15 x 5,5



500 606	500 607	500 610	500 611
1	1	1	1
Non-Slotted	Slotted	Non-Slotted	Slotted
10	10	50	50
500 608	500 609	500 612	500 613
2	2	2	2
Non-Slotted	Slotted	Non-Slotted	Slotted
10	10	10	10

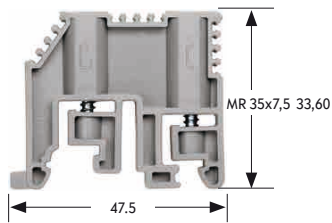
DIN Rail Support

RT

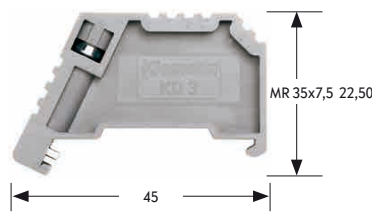


General Features	
Cat. No.	501 101
Amb. Qty.	25

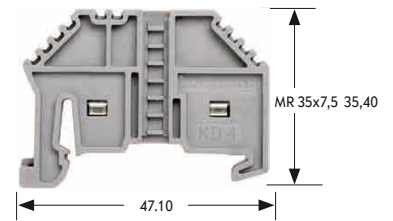
WGD 1



KD 3

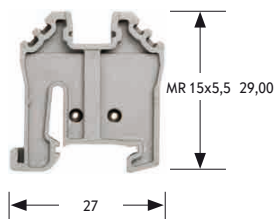


KD 4

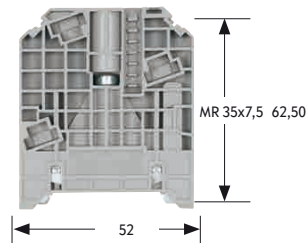


Cat. No.	495 039 - Grey 495 030 - Beige	495 049 - Grey 495 040 - Beige	495 059 - Grey 495 050 - Beige
	Screw-type end bracket mounted on MR32 and MR 35 types of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. 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

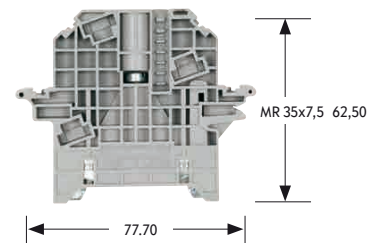
KD 5



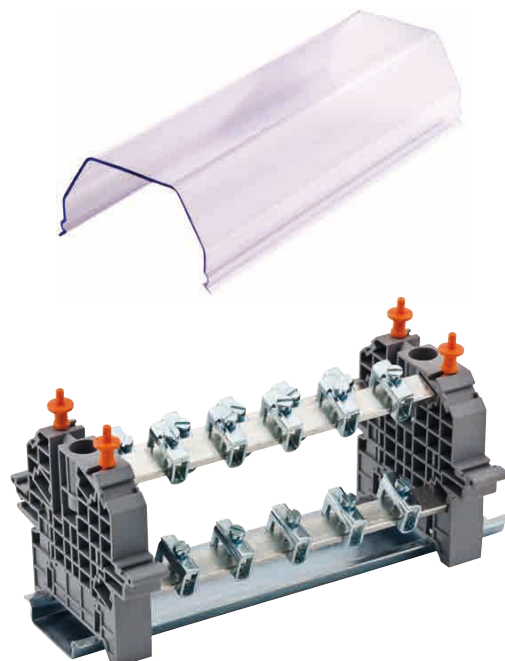
KD 6



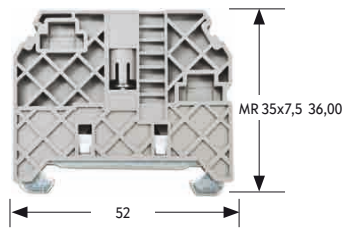
KD 6 A



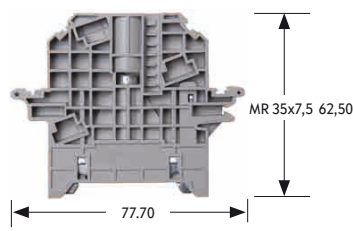
Cat. No.	495 069 - Grey 495 060 - Beige	495 099 - Grey 495 090 - Beige	495 109 - Grey 495 100 - Beige
	Without screw end bracket mounted on MR 15 type of DIN-rail. Can be used together with Mini Screw Connection and Mini Spring Clamp feed-through terminals.	Screw-type end bracket mounted on MR 35 type 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.
Qty.	100	50	50



KD 7



KD 6T



Cat. No.	495 219 - Grey 495 210 - Beige	495 209 - Grey 495 200 - Beige
	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.	Screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for high cross-sections. Provides distribution block with 10x3 mm busbar.
Qty.	50	50

Modular Group Markers

ME 1 - 1



ME 1 - 2



ME 2 - 2



ME 3



Cat. No.	496 12A - Transparent	496 13A - Transparent	496 14A - Transparent	496 300 - Transparent
Qty.	25	25	25	50
Marker Cat. No.	508 530 SIFX 0615Y (6 x 15 mm)	508 530 SIFX 0615Y (6 x 15 mm)	508 530 SIFX 0615Y (6 x 15 mm)	508 520 SIT FP 4407 (7 x 44 mm)

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.

GE



GE 4

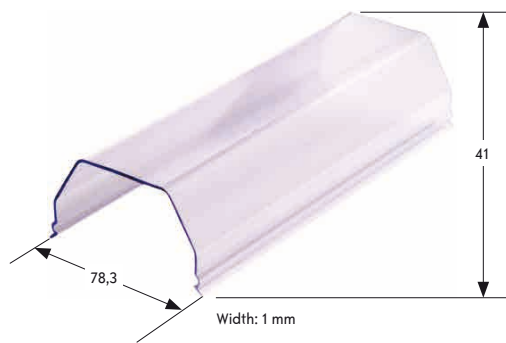


Group Markers

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

Klemsan®

Cover for KD 6A



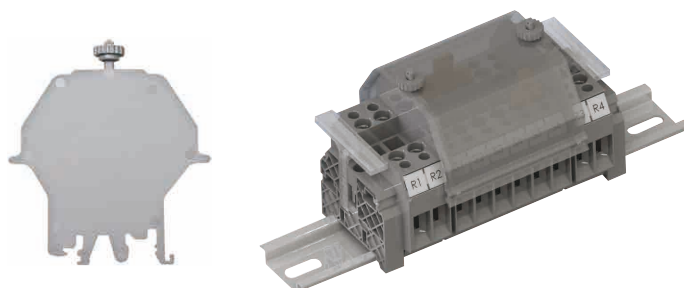
Type	Color	Cat. No.	Qty.
KD 6A	Grey	495 109	50
KD 6A	Beige	495 100	50
KD 6A	Transparent Cover	498 190	1

Sealing Pin for KD 6A



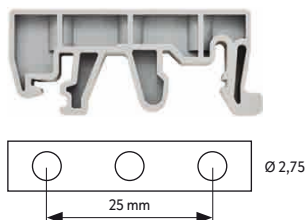
Type	Color	Cat. No.	Qty.
KD 6A	Grey	495 109	50
KD 6A	Beige	495 100	50
KD 6A	Orange Sealing Pin	498 187	100

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.
	Grey	498 459	50
RA 10	Beige	498 450	50

Small Partition



Type	Color	Description	Cat. No.	Qty.
AD 1	Grey	AVK 2,5 - 10	467 919	100
AD 3	Beige	AVK 16 RD / 35 RD	468 050	100
AD 3	Grey	AVK 16 RD / 35 RD	468 059	100

PAP



PAP - LED



	DIN Rail Socket Earth	DIN Rail Socket LED + Earth
Cat. No.	670 100	670 200
Qty.	1	1
Width / Height / Depth (mm)	41.80 / 74.80 / 49.20	41.80 / 74.80 / 49.20
Voltage / Current / Cross-Section	250 V / 16 A / 6 mm ²	250 V / 16 A / 6 mm ²
Single ve Fine Strand, (mm ²)	0.5 - 10	0.5 - 10
Conductors with ferrules (mm ²)	0.5 - 6	0.5 - 6

PAP - UPS



PAP - UPS + LED



PAP - KK



DIN Rail Socket UPS	DIN Rail Socket LED + UPS	DIN Rail Socket Children Protection + Earth
670 300	670 400	670 500
1	1	1
41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70
250 V / 16 A / 6 mm ²	250 V / 16 A / 6 mm ²	250 V / 16 A / 6 mm ²
0.5 - 10	0.5 - 10	0.5 - 10
0.5 - 6	0.5 - 6	0.5 - 6

Slotted Wiring Ducts



Cat. No.	Product	Description	Amb. Qty.
551 010	KKC 2530	25 x 30 Slotted Wiring Ducts	50 x 2 m
551 011	KKC 2540	25 x 40 Slotted Wiring Ducts	50 x 2 m
551 012	KKC 2560	25 x 60 Slotted Wiring Ducts	30 x 2 m
551 030	KKC 2580	25 x 80 Slotted Wiring Ducts	28 x 2 m
551 031	KKC 2510	25 x 100 Slotted Wiring Ducts	22 x 2 m
551 013	KKC 4040	40 x 40 Slotted Wiring Ducts	26 x 2 m
551 014	KKC 4060	40 x 60 Slotted Wiring Ducts	18 x 2 m
551 015	KKC 4080	40 x 80 Slotted Wiring Ducts	20 x 2 m
551 032	KKC 4010	40 x 100 Slotted Wiring Ducts	14 x 2 m
551 016	KKC 6040	60 x 40 Slotted Wiring Ducts	18 x 2 m
551 017	KKC 6060	60 x 60 Slotted Wiring Ducts	12 x 2 m
551 018	KKC 6080	60 x 80 Slotted Wiring Ducts	12 x 2 m
551 033	KKC 6010	60 x 100 Slotted Wiring Ducts	18 x 2 m
551 034	KKC 8040	80 x 40 Slotted Wiring Ducts	18 x 2 m
551 019	KKC 8060	80 x 60 Slotted Wiring Ducts	14 x 2 m
551 020	KKC 8080	80 x 80 Slotted Wiring Ducts	12 x 2 m
551 035	KKC 8010	80 x 100 Slotted Wiring Ducts	12 x 2 m
551 021	KKC 1006	100 x 60 Slotted Wiring Ducts	10 x 2 m
551 022	KKC 1008	100 x 80 Slotted Wiring Ducts	8 x 2 m
551 036	KKC 1001	100 x 100 Slotted Wiring Ducts	12 x 2 m
551 023	KKC 1206	120 x 60 Slotted Wiring Ducts	8 x 2 m
551 024	KKC 1208	120 x 80 Slotted Wiring Ducts	6 x 2 m
551 025	KKC 1201	120 x 100 Slotted Wiring Ducts	10 x 2 m
551 040	KKC 1501	150 x 100 Slotted Wiring Ducts	8 x 2 m

Wiring Duct Covers



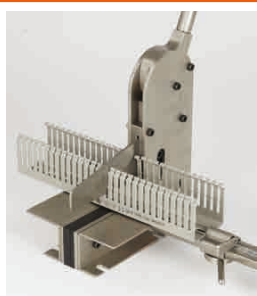
Cat. No.	Product	Description	Amb. Qty.
551 050	KKK 25	25 mm Wiring Duct Covers	10 x 2 m
551 051	KKK 40	40 mm Wiring Duct Covers	10 x 2 m
551 052	KKK 60	60 mm Wiring Duct Covers	10 x 2 m
551 053	KKK 80	80 mm Wiring Duct Covers	10 x 2 m
551 054	KKK 100	100 mm Wiring Duct Covers	10 x 2 m
551 055	KKK 120	120 mm Wiring Duct Covers	10 x 2 m
551 056	KKK 150	150 mm Wiring Duct Covers	10 x 2 m

Wiring Duct Accessories



Cat. No.	Product	Description	Amb. Qty.
553 315	KKT 40x40	Wiring Retainer	10
553 325	KKT 40x60	Wiring Retainer	10
553 335	KKT 60x80	Wiring Retainer	10
553 405	KKB	Cable Clamp	10
553 415	KKM	Cable Holder	10

Wiring Duct Cutting Tools



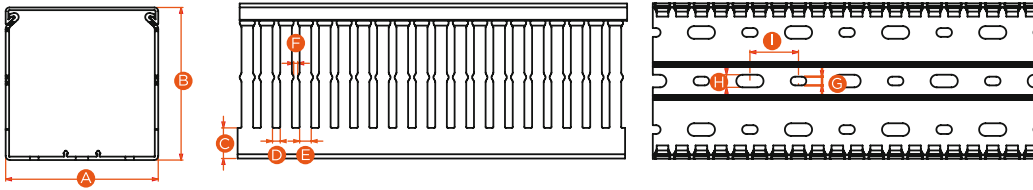
Cat. No.	Product	Description	Amb. Qty.
553 220	KMK 1002	Wiring Duct Cutting Machine	1
553 230	KKMR	Wiring Duct Cutter	1



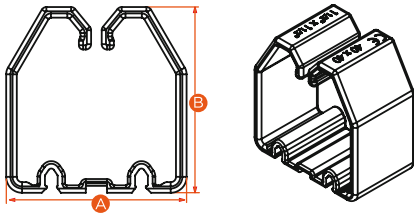
KKMR



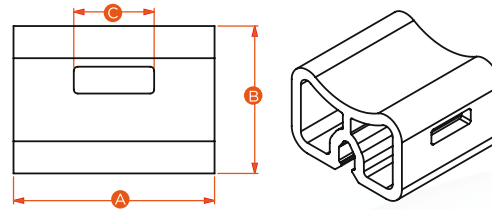
Wiring Ducts



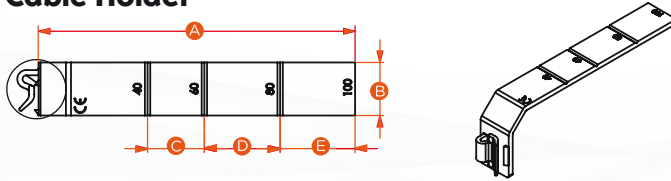
Wire Retainer



Cable Clamp



Cable Holder



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Cat. No.	Product	Description	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
551 010	KKC 2530	Wiring Duct	25	30	11,4	4	6	2,1	4,5	6,5	25
551 011	KKC 2540	Wiring Duct	25	40	12,4	4	6	2,1	4,5	6,5	25
551 012	KKC 2560	Wiring Duct	25	60	13,6	4	6	2,1	4,5	6,5	25
551 013	KKC 4040	Wiring Duct	40	40	12,4	4	6	2,1	4,5	6,5	25
551 014	KKC 4060	Wiring Duct	40	60	13,6	4	6	2,1	4,5	6,5	25
551 015	KKC 4080	Wiring Duct	40	80	15,8	4	6	2,1	4,5	6,5	25
551 016	KKC 6040	Wiring Duct	60	40	12,6	4	6	2,1	4,5	6,5	25
551 017	KKC 6060	Wiring Duct	60	60	13,8	4	6	2,1	4,5	6,5	25
551 018	KKC 6080	Wiring Duct	60	80	15,8	4	6	2,1	4,5	6,5	25
551 019	KKC 8060	Wiring Duct	80	60	13,8	4	6	2,1	4,5	6,5	25
551 020	KKC 8080	Wiring Duct	80	80	15,8	4	6	2,1	4,5	6,5	25
551 021	KKC 1006	Wiring Duct	100	60	16	4	6	2,1	4,5	6,5	25
551 022	KKC 1008	Wiring Duct	100	80	16	4	6	2,1	4,5	6,5	25
551 023	KKC 1206	Wiring Duct	120	60	16,3	4	6	2,1	4,5	6,5	25
551 024	KKC 1208	Wiring Duct	120	80	16,3	4	6	2,1	4,5	6,5	25
553 315	KKT 40 x 40	Wiring Retainer	34	35							
553 325	KKT 40 x 60	Wiring Retainer	34	53							
553 335	KKT 60 x 80	Wiring Retainer	53	75							
553 405	KKB	Cable Clamp	15	11	6						
553 415	KKM	Cable Holder	83,6	14	15	20	19,8				

* KKM is compatible with 40, 60, 80 and 100 mm wiring ducts.

Klemsan® Test Plugs and Sockets



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
492 010	ITK 28 (Q4)	AVK 4; AVK 6; AVK 10
490 080	TSK 8 (Q4)	AVK 16
492 020	ITK 32 (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
492 030	ITK 35	WGO 2N
490 060	TSK 6	WGO 2N

Warning Labels



Cat. No.	Product	Terminals used
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 2	AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 T RD
498 160	IP 4S	YBK 2.5; YBK 4; YBK 6; YBK 10
498 170	IP	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



Natural : Made from U.L. approved polyamide 66.
 Flammability rating : UL 94 V-2
 Normal service temperature range : - 40° C to 85° C.

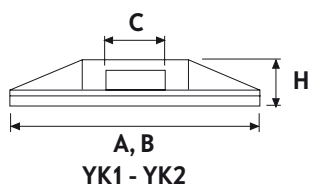
Black : Material and temperature as above, except in black color.
 Specification : Made to comply with mil-spec drawing no. MS-3667
 tensile strength meet or exceed MIL-S-23190 D standart.

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

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

Klemsan® 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.

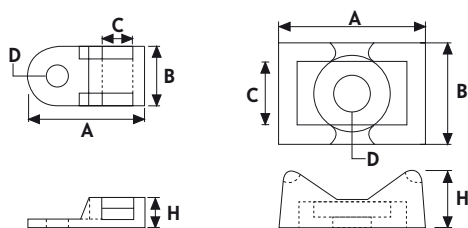
B : White

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 :

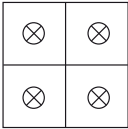
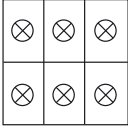
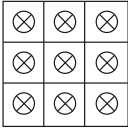
VK 1 : Up to 5 mm. wide cable ties.

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

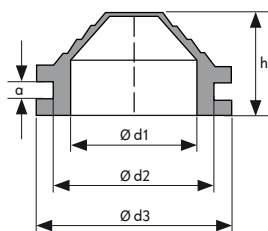
LSK 2



96 x 96

Type	Cat. No.	Type	Description	Neutral Connection	Qty.
 4 windows	583 041	LSK 2	4 - 24 VAC / DC	Common	1
	583 042	LSK 2	4 - 48V AC/DC	Common	1
	583 043	LSK 2	4 - 110 V AC	Common	1
	583 044	LSK 2	4 - 220 V AC/DC	Common	1
 6 windows	583 061	LSK 2	6 - 24 VAC / DC	Common	1
	583 062	LSK 2	6 - 48V AC/DC	Common	1
	583 063	LSK 2	6 - 110 V AC	Common	1
	583 065	LSK 2	6 - 220 V AC	Common	1
 9 windows	583 091	LSK 2	9 - 24 VAC / DC	Common	1
	583 092	LSK 2	9 - 48V AC/DC	Common	1
	583 093	LSK 2	9 - 110 V AC	Common	1
	583 095	LSK 2	9 - 220 V AC	Common	1

Rubber Glands

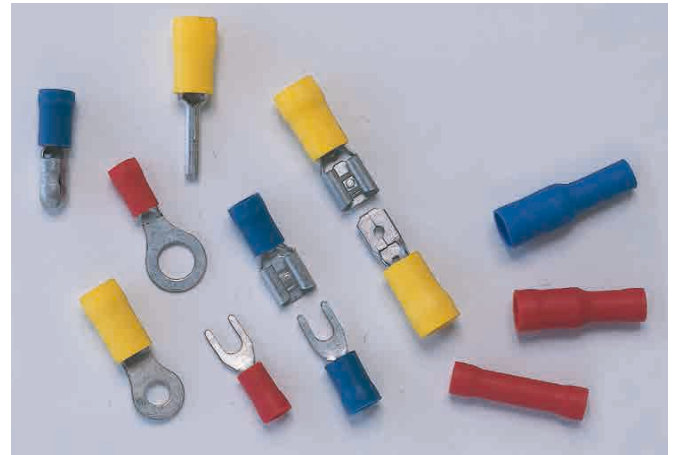


Type	Cat. No.	Dimensions (mm)			Qty.	
RR 11	630 110	10	16	22	13	100
RR 13,5	630 135	14	21	27	17,5	100
RR 16	630 160	17	23,5	29,5	17,5	100
RR 21	630 210	23	29	35	18,5	100
RR 29	630 290	29,5	38	44	21,5	100
RR 36	630 360	39,5	49	55	24,5	50
RR 42	630 420	49,5	59	66	30	50

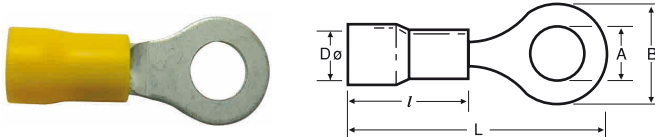
Insulated Terminals



Insulated Terminals are made of E-Cu with tin - plating.
Insulation parts are made of PVC.



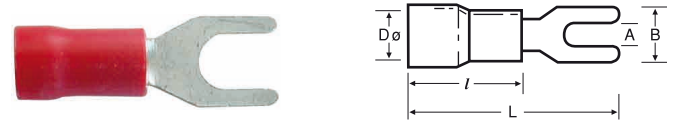
Insulated Terminals / Ringtype



Cat. No.	Type	Cross-Sec. (mm ²)	A	B	Dø	L	l	Qty.
590 010	KYK - 301 ●	0,5 - 1,5	3,2	5,5	4,1	16,7	10	100
590 011	KYK - 351 ●	0,5 - 1,5	3,7	5,5	4,1	19,6	10	100
590 012	KYK - 401 ●	0,5 - 1,5	4,3	6,6	4,1	19,6	10	100
590 013	KYK - 501 ●	0,5 - 1,5	5,3	8	4,1	21	10	100
590 014	KYK - 601 ●	0,5 - 1,5	6,5	11,6	4,1	26,8	10	100
590 015	KYK - 801 ●	0,5 - 1,5	8,4	11,6	4,1	26,8	10	100
590 020	KYK - 302 ●	1,5 - 2,5	3,2	6,4	4,5	17,5	10	100
590 021	KYK - 402 ●	1,5 - 2,5	4,3	8,5	4,5	22	10	100
590 022	KYK - 502 ●	1,5 - 2,5	5,3	8,5	4,5	22	10	100
590 023	KYK - 602 ●	1,5 - 2,5	6,5	12	4,5	27	10	100
590 024	KYK - 802 ●	1,5 - 2,5	8,4	12	4,5	27	10	100
590 025	KYK-1002 ●	1,5 - 2,5	10,5	13,6	4,5	30,7	10	100
590 030	KYK - 406 ●	4,0 - 6,0	4,3	9,5	6,5	25,5	12,5	100
590 031	KYK - 506 ●	4,0 - 6,0	5,3	9,5	6,5	27	12,5	100
590 032	KYK - 606 ●	4,0 - 6,0	6,5	12	6,5	29	12,5	100
590 033	KYK - 806 ●	4,0 - 6,0	8,4	15	6,5	33,7	12,5	50
590 034	KYK - 1006 ●	4,0 - 6,0	10,5	15	6,5	33,7	12,5	50
590 035	KYK-1206 ●	4,0 - 6,0	13	19,2	6,5	38,1	12,5	50

Dø: Do is the inner-Width for the isolation part.

Insulated Terminals / Forktype



Cat. No.	Type	Cross-Sec. (mm ²)	A	B	Dø	L	l	Qty.
591 010	KCK - 301 ●	0,5 - 1,5	3,2	5,8	4,1	21	10	100
591 011	KCK - 351 ●	0,5 - 1,5	3,7	6,4	4,1	20,6	10	100
591 012	KCK - 401 ●	0,5 - 1,5	3,7	7,2	4,1	20,6	10	100
591 013	KCK - 501 ●	0,5 - 1,5	5,3	8	4,1	21	10	100
591 014	KCK - 601 ●	0,5 - 1,5	6,5	12	4,1	27,2	10	100
591 021	KCK - 352 ●	1,5 - 2,5	3,7	5,7	4,5	21	10	100
591 022	KCK - 402 ●	1,5 - 2,5	4,3	7,2	4,5	21	10	100
591 023	KCK - 502 ●	1,5 - 2,5	5,3	8,1	4,5	22	10	100
591 024	KCK - 602 ●	1,5 - 2,5	6,5	12	4,5	27,2	10	100
591 030	KCK - 406 ●	4,0 - 6,0	4,3	8,5	6,5	25,2	12,5	100
591 031	KCK - 506 ●	4,0 - 6,0	5,3	9,5	6,5	25,2	12,5	100
591 032	KCK - 606 ●	4,0 - 6,0	6,4	12	6,8	31,2	12,5	50

Dø: Do is the inner-Width for the isolation part.

Insulated Terminals / Pinconnectors



Cat. No.	Type	Cross-Sec. (mm ²)	A	B	Dø	L	l	Qty.
592 010	KIK 1/1,5 ●	0,5 - 1,5	12,0	1,9	4	21,5	9,5	200
592 020	KIK 1/2,5 ●	1,5 - 2,5	12,0	1,9	4,5	22	10	200
592 030	KIK 6 ●	4,0 - 6,0	14,5	2,7	6,8	27	13	100

Dø: Do is the inner-Width for the isolation part.

Insulated Terminals / Female Disconnect

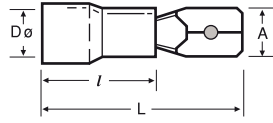


Cat. No.	Type	Cross-Section (mm ²)	A	Dø	L	l	Qty.
593 010	KFD - 1288 ●	0,5 - 1,5	2,8x0,8	4	18,5	10	200
593 011	KFD - 1488 ●	0,5 - 1,5	4,8x0,8	4	9	10	200
593 012	KFD - 1638 ●	0,5 - 1,5	6,4x0,8	4	21	10	100
593 020	KFD - 2488 ●	1,5 - 2,5	4,8x0,8	4,5	18,7	9,5	200
593 021	KFD - 2638 ●	1,5 - 2,5	6,3x0,8	4,5	20,3	9,5	100
593 030	KFD - 5638 ●	4,0 - 6,0	6,4x0,8	5,5	23,5	12,5	100

Dø: Do is the inner-Width for the isolation part.

Insulated Terminals

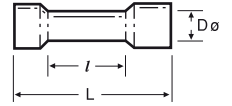
Insulated Terminals / Male Disconnect



Cat. No.	Type	Cross-Section (mm ²)	A	Dø	L	l	Qty.
594 010	KFE - 1288 ●	0,5 - 1,5	2,8x0,8	4	19,2	10	200
594 011	KFE - 1488 ●	0,5 - 1,5	4,8x0,8	4	19,2	10	200
594 012	KFE - 1638 ●	0,5 - 1,5	6,4x0,8	4	21,2	10	100
594 020	KFE - 2488 ●	1,5 - 2,5	4,8x0,8	4,5	18,5	10	200
594 021	KFE - 2638 ●	1,5 - 2,5	6,4x0,8	4,5	21,2	10	100
594 030	KFE - 5638 ●	4,0 - 6,0	6,3x0,8	6,8	23,8	10	100

Dø: Do is the inner-Width for the isolation part.

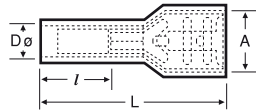
Insulated Terminals / Butt Connectors



Cat. No.	Type	Cross-Section (mm ²)	Dø	L	l	Qty.
597 010	KME - 251 ●	0,5 - 1,5	4,1	26	15,0	100
597 020	KME - 252 ●	1,5 - 2,5	4,6	26	15,0	100
597 030	KME - 256 ●	4,0 - 6,0	6,4	26	15,0	75

Dø: Do is the inner-Width for the isolation part.

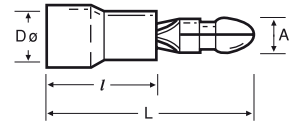
Fully Insulated Terminals / Female Disconnect



Cat. No.	Type	Cross-Section (mm ²)	A	Dø	L	l	Qty.
595 010	IKFD - 1288 ●	0,5 - 1,5	2,8x0,8	4	20	10,0	100
595 011	IKFD - 1488 ●	0,5 - 1,5	4,8x0,8	4	20	10,0	100
595 012	IKFD - 1638 ●	0,5 - 1,5	6,3x0,8	4	22	10,5	100
595 020	IKFD - 2488 ●	1,5 - 2,5	4,8x0,8	4,5	20	10,0	100
595 021	IKFD - 2638 ●	1,5 - 2,5	6,3x0,8	4,5	22	10,5	100
595 030	IKFD - 5638 ●	4,0 - 6,0	6,3x0,8	5,5	23	13,7	75

Dø: Do is the inner-Width for the isolation part.

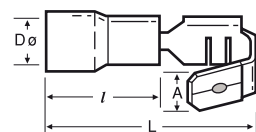
Insulated Terminals / Male Bullet



Cat. No.	Type	Cross-Section (mm ²)	A ø	D ø	L	l	Qty.
598 010	KMT - 1040 ●	0,5 - 1,5	4	4	20,3	9,5	100
598 020	KMT - 2050 ●	1,5 - 2,5	5	4,5	20,3	9,5	100
598 030	KMT - 5050 ●	4,0 - 6,0	5	5,5	23,3	12,5	100

Dø: Do is the inner-Width for the isolation part.

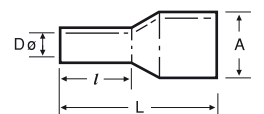
Insulated Terminals / Piggy Back



Cat. No.	Type	Cross-Section (mm ²)	A	Dø	L	l	Qty.
596 010	KPB - 1638 ●	0,5 - 1,5	6,4x0,8	4,5	20,3	9,5	100
596 020	KPB - 2638 ●	4,0 - 6,0	6,4x0,8	5,5	20,3	9,5	100
596 030	KPB - 5638 ●	4,0 - 6,0	6,4x0,8	5,5	23,3	12,5	75

Dø: Do is the inner-Width for the isolation part.

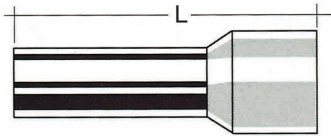
Insulated Terminals / Female Bullet



Cat. No.	Type	Cross-Section (mm ²)	A ø	D ø	L	l	Qty.
599 010	KFT - 1040 ●	0,5 - 1,5	4	4	23	10,5	100
599 020	KFT - 2050 ●	1,5 - 2,5	5	4,5	23	11,5	75
599 030	KFT - 5050 ●	4,0 - 6,0	5	5,5	23	13,8	50

Dø: Do is the inner-Width for the isolation part.

Insulated Type



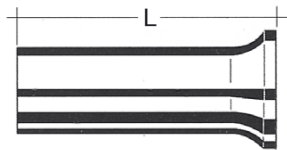
Insulated type of end sleeves are made of E-Cu with tin-plating. (DIN 46228/4) The material of the insulation parts polyamide 6.6.



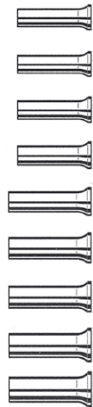
Type	Cat. No.	Cross-Section (mm ²)	L (mm)	Color	AWG	Qty.
IKY 0,5/8	570 010	0,50	14	Orange	20	500
IKY 0,75/8	570 020	0,75	14	White	18	500
IKY 1,0/8	570 030	1,0	14	Yellow	17	500
IKY 1,5/8	570 040	1,5	14	Red	16	500
IKY 2,5/8	570 050	2,5	15	Blue	14	250
IKY 4/9	570 060	4	16	Grey	12	250
IKY 6/12	570 070	6	20	Black	10	100
IKY 10/12	570 080	10	21	Ivory	8	100
IKY 16/12	570 090	16	22	Green	6	50
IKY 25/16	570 100	25	29	Brown	4	20
IKY 35/16	570 110	35	30	Beige	2	20
IKY 50/20	570 120	50	36	Olive Green	1	20



Uninsulated Type



Uninsulated end sleeves are made of E-Cu with tin-plating as per DIN 46228/1.



Type	Cat. No.	Cross-Section (mm ²)	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



Twin Cord end Terminals

Insulated twin cord end sleeves are made of E-Cu with tin-plating as per DIN 46228/4.



Type	Cat. No.	Cross-Section (mm ²)	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

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

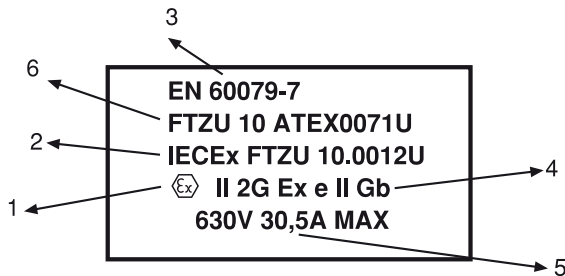
ppm: parts per million (in total weight)

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 Reference 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.

Klemsan®

Important Notice

- Klemsan Inc. reserves the rights for any changes in this catalogue.
- For the products that are not included in our catalogue please contact our Department of Trade.
- Figures and technical specs in this catalogue are only for general purpose.
- Our products are assembled to be in accordance with EC technical regulations and correspond to the national and international standards. All our products are fabricated in our ISO 9001 and ISO 14001 certified manufacturing plants.
- For further information on the certificates:

Tel : +90 (212) 222 52 00
 Fax: +90 (212) 222 66 55

ISO 9001 - ISO 14001



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YKB 368	533368S	3,6x368 mm. Black	203
YKB 368	534368B	4,8x368 mm. White	203
YKB 368	534368S	4,8x368 mm. Black	203
YKB 380	537380B	7,6x380 mm. White	203
YKB 380	537380S	7,6x380 mm. Black	203
YKB 450	538450B	8,0x450 mm. White	203
YKB 450	538450S	8,0x450 mm. Black	203
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YBK 2.5CLD	326 329	24 VDC Grey	148
YBK 2.5CLD	326 410	48 VAC Beige	148
YBK 2.5CLD	326 419	48 VAC Grey	148
YBK 2.5CLD	326 420	48 VDC Beige	148
YBK 2.5CLD	326 429	48 VDC Grey	148
YBK 2.5CLD	326 610	110 VAC Beige	148
YBK 2.5CLD	326 619	110 VAC Grey	148
YBK 2.5CLD	326 620	110 VDC Beige	148
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YBK 4 - 2 FLD	318 319	24 VAC Grey	133
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YBK 4 - 2 FLD	318 429	48 VDC Grey	133
YBK 4 - 2 FLD	318 610	110 VAC Beige	133
YBK 4 - 2 FLD	318 619	110 VAC Grey	133
YBK 4 - 2 FLD	318 620	110 VDC Beige	133
YBK 4 - 2 FLD	318 629	110 VDC Grey	133
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YBK 6	306 241	Blue	123
YBK 6	306 242	Green	123
YBK 6	306 243	Yellow	123
YBK 6	306 244	Red	123
YBK 6	306 249	Grey	123
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YBK I	355 120	Beige	142
YBK I	355 129	Grey	142
YBK IB	363 200	Beige	142
YBK IB	363 209	Grey	142
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YBK ILD	355 819	24 VAC Grey	143
YBK ILD	355 820	24 VDC Beige	143
YBK ILD	355 829	24 VDC Grey	143
YBK ILD	355 830	48 VAC Beige	143
YBK ILD	355 839	48 VAC Grey	143
YBK ILD	355 840	48 VDC Beige	143
YBK ILD	355 849	48 VDC Grey	143
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YBK SLD	355 720	24 VDC Beige	141
YBK SLD	355 729	24 VDC Grey	141
YBK SLD	355 730	48 VAC Beige	141
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YBK SLD	355 769	110 VDC Grey	141
YBK SLD	355 770	220 VAC Beige	141
YBK SLD	355 779	220 VAC Grey	141
YBK SLD	355 780	220 VDC Beige	141
YBK SLD	355 789	220 VDC Grey	141
YK 1	541210B	White	204
YK 1	541210S	Black	204
YK 2	541280B	White	204
YK 2	541280S	Black	204
YKB 100	532100B	2,5x100 mm. White	203
YKB 100	532100S	2,5x100 mm. Black	203
YKB 120	534120B	4,8x120 mm. White	203
YKB 120	534120S	4,8x120 mm. Black	203
YKB 142	532142B	2,5x142 mm. White	203
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YKB 250	533250S	3,6x250 mm. Black	203
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YKB 292	533292S	3,6x292 mm. Black	203
YKB 300	537300B	7,6x300 mm. White	203
YKB 300	537300S	7,6x300 mm. Black	203
YKB 368	533368B	3,6x368 mm. White	203
YKB 368	533368S	3,6x368 mm. Black	203
YKB 368	534368B	4,8x368 mm. White	203
YKB 368	534368S	4,8x368 mm. Black	203
YKB 380	537380B	7,6x380 mm. White	203
YKB 380	537380S	7,6x380 mm. Black	203
YKB 450	538450B	8,0x450 mm. White	203
YKB 450	538450S	8,0x450 mm. Black	203
YKB 450	538450S	8,0x450 mm. Black	203
YKB 762	539762B	9,0x762 mm. White	203
YKB 762	539762B	9,0x762 mm. White	203
YKB 762	539762S	9,0x762 mm. Black	203
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YKB 94	532094B	2,5x94 mm. White	203
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