

1	Rail Terminals and Accessories	
	Screw Connection Terminals	
	AVK Series	20 - 31
	MVK Series	32 - 33
	Functional Terminals	34 - 35
	PB Series Terminals	38
	CPB Series Terminals	39
	High Current Terminals	
	Screw Type High Current Terminals	42-43
	AVK PB Series Terminals	44 - 45
	Bolt Connection Terminals	46 - 47
	Multilevel Terminals	48 - 57
	Sensor Terminals	58 - 59
	Disconnect Terminals	62 - 65
	Test and Disconnect Terminals	66 - 71
	Fuse Terminals	72 - 77
	Practical Spring Clamp Terminals	
	PYK Series Feed-Through Terminals	84 - 87
	PYKMR Series Mini Terminals	88
	PYKM Series Mini Terminals	89
	PYK Series Multilevel Terminals	92 - 95
	PYK Series Sensor Terminals	98 - 99
	PYK Series Fuse and Disconnect Terminals	100 - 101
	PYK Series Disconnect Terminals	102 - 103
	PYK Series Multi input/output Terminals	106 - 107
	Spring Clamp Terminals	
	YBK Series Spring Clamp Terminals	110 - 113
	MYK Series Mini Spring Terminals	114 - 115
	YBK Series Multilevel Terminals	118 - 123
	YBK Series Sensor Terminals	126 - 127
	YBK Series Fuse and Disconnect Terminals	128 - 131
	YBK Series Multi input/output Terminals	134 - 137
	PCY Series Terminals	140 - 141
2	Other Terminal Series	
	Transformer Terminals	142 - 143
	Terminal Strips	144 - 145
	Clamping Yokes	146 - 148
3	Marking Systems	149 - 181
4	Din Rails	182 - 183
5	Accessories	184 - 186
6	Din Rail Sockets	187
7	Wiring Ducts and Accessories	188 - 189
8	Test Plugs and Sockets, Warning Label, Cable Ties	190 - 191
9	Self-Adhesive Tie Mounts, Saddle Type Tie Mounts, Type Signal Modules with LED	192 - 193
10	End Sleeves and Insulated Terminals	194 - 196
11	Screwdrivers	197
12	Index	200



AVK 2.5
304 120
Page: 20



AVK 4
304 130
Page: 20



AVK 6
304 140
Page: 21



AVK 10
304 150
Page: 21



AVK 16
304 160
Page: 21



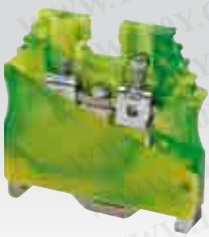
AVK 16 RD
304 240
Page: 22



AVK 25 RD
304 290
Page: 22



AVK 35 RD
304 250
Page: 23



AVK 2,5/4T
334 120
Page: 24



AVK 6/10T
334 140
Page: 24



AVK 16 T RD
334 200
Page: 25



AVK 35 T RD
334 210
Page: 25



AVK 50 T
334 190
Page: 25



AVK 2,5 RD
304 200
Page: 26



AVK 4 RD
304 210
Page: 26



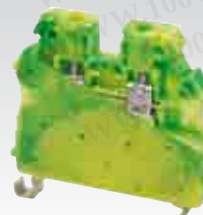
AVK 2.5 CC
324 909
Page: 27



AVK 4 C
325 109
Page: 27



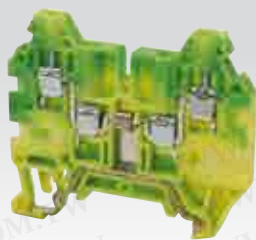
AVK 4 GD
304 279
Page: 27



AVK 2,5 T RD
334 170
Page: 28



AVK 4 TRD
334 180
Page: 28



AVK 2,5 CCT
334 220
Page: 29



AVK 10 T RD 4
334 230
Page: 29



AVK 10 RD 4
304 289
Page: 29

AVK Y Series Terminals



AVK Y4
304 500
Page: 31



AVK Y6
304 510
Page: 31



AVK Y10
334 520
Page: 31

MVK Series Mini Terminals



MVK 2,5
304 429
Page: 32



MVK 4
304 439
Page: 32



MVT 2,5 T
334 420
Page: 33

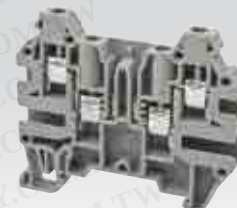


MVK 4 T
334 430
Page: 33

AVK Series Functional Terminals



AVK 2,5 F
324 929
Page: 34



AVK 2,5 CF
324 919
Page: 34

PB Series Ring Type Plug in Terminals



PB 6
307 519
Page: 38



PB 6T
336 580
Page: 38

CPB Series Fork Type Plug in terminals



CPB 6
326 809
Page: 39



CPB 6B
326 819
Page: 39

AVK Screw Type High Current Terminals



AVK 50
304 330
Page: 42



AVK 70 RD
304 499
Page: 42



AVK 95
304 340
Page: 43



AVK 150
304 350
Page: 43



AVK 240
304 360
Page: 43



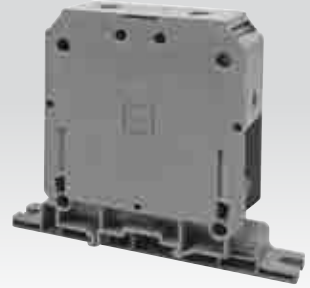
AVK PB 50
304 440
Page: 44



AVK PB 70 RD
304 450
Page: 44



AVK PB 95
304 460
Page: 45



AVK PB 150
304 470
Page: 45



AVK PB 240
304 480
Page: 45



AVK 95 B
304 300
Page: 46



AVK 150 B
304 310
Page: 46



AVK 240 B
304 320
Page: 47



PIK 2,5 N
317 109
Page: 50



PIK 2,5 NK
317 129
Page: 50



PIK 2,5 ND
317 219
Page: 51



PIK 2,5 NLD
... ..9
Page: 51



PIK 4 N
319 109
Page: 52



PIK 4 NK
319 129
Page: 52



PIK 4 ND
319 219
Page: 53



PIK 4 NLD
... ..9
Page: 53



PIK 4 FS
319 809
Page: 54



PIK 10 N
319 909
Page: 54



PIK 2,5 NT
336 560
Page: 55



PIK 4 NT
336 570
Page: 55

Screw Type Multilevel Terminals



PUK 3
324 109
Page: 56



PUK 2 T
324 209
Page: 56



PUK 3 T
324 309
Page: 57



PUK 3 S
324 409
Page: 58

Screw Type Sensor Terminals



PUK 3 SLD (NPN)
324 419
Page: 58



PUK 3 SLD (PNP)
324 429
Page: 59

Screw Type Disconnect Terminals



ASK 2 B
360 119
Page: 62



ASK 3 A
353 109
Page: 62



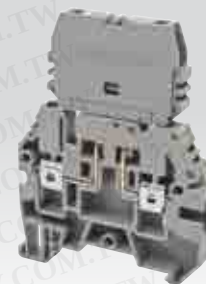
AVK 2,5 EA
324 949
Page: 63



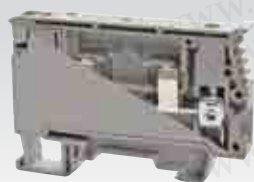
AVK 2,5 CCA
324 939
Page: 63



ASK 3 MB
363 009
Page: 64



ASK 3 FB
362 009
Page: 64



ASK 4 B
360 129
Page: 65

Test and Disconnect Terminals



WGO 1
370 590
Page: 66



WGO 2 N
375 891
Page: 66



WGO 2 IR
375 909
Page: 67



WGO 3
375 692
Page: 67

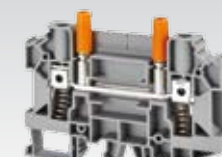


WGL 1
370 791
Page: 67

WGO Y Series Test and Disconnect Terminals



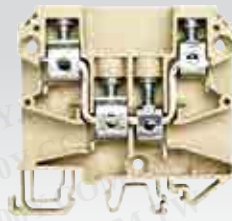
WGO Y6
375 919
Page: 68



WGO YD 6
375 929
Page: 68



WGO PB 6
375 939
Page: 69



AYK 10/16
395 100
Page: 70



AYK 10/16
375 200
Page: 70



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

Page: 71



ASK 2 S
351 109
Page: 72



ASK 2 SLD
...9
Page: 72



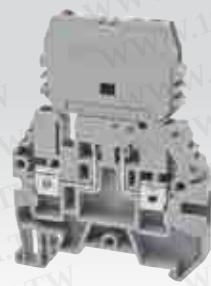
ASK 3 M
355 109
Page: 73



ASK 3 MLD
...9
Page: 73



ASK 3 F
354 109
Page: 74



ASK 3 FLD
...9
Page: 74



AVK 4 FS
353 309
Page: 75



ASK 4 S
351 129
Page: 76



ASK 4 LD
...9
Page: 77



PYK 1,5
307 009
Page: 84



PYK 2,5
307 109
Page: 84



PYK 4
307 119
Page: 85



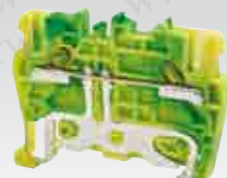
PYK 6
307 129
Page: 85



PYK 10
307 139
Page: 85



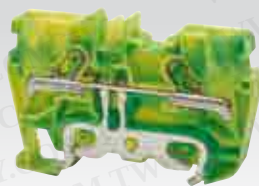
PYK 1,5 T
336 490
Page: 86



PYK 2,5 T
336 500
Page: 86



PYK 4 T
336 510
Page: 87

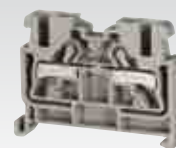


PYK 6 T
336 520
Page: 87



PYK 10 T
336 530
Page: 87

PYKMR Series Mini Terminals



PYKMR 2,5
307 499
Page: 88

PYKM Series Mini Terminals



PYKM 2,5
307 399
Page: 89



PYKM 2,5 T
336 430
Page: 89

PYK Series Double-Deck Terminals



PYK 2,5-2 F
307 179
Page: 92



PYK 2,5-2 FK
307 239
Page: 92



PYK 2,5-2 FLD
307 ..9
Page: 93



PYK 4-2 F
307 279
Page: 93



PYK 2,5-2 FD A
307 369
Page: 93

PYK Series Multilevel Terminals



PYK 2,5-2 FD B
307 379
Page: 94



PYK 2,5-3 F
307 199
Page: 94



PYK 2,5-2 FT
307 189
Page: 95



PYK 2,5-3 FT
307 209
Page: 95

PYK Series Sensor Terminals



PYK 3 S
307 409
Page: 98



PYK 3 S (NPN)
307 419
Page: 98



PYK 3 S (PNP)
307 429
Page: 99

PYK Series Fuse and Disconnect Terminals



PYK 4 S
307 249
Page: 100



PYK 4 SLD
307 259
Page: 100



PYK 4 I
307 319
Page: 101



PYK 4 ILD
307 339
Page: 101

PYK Series Disconnect Terminals



PYK 2,5 A
307 169
Page: 102



PYK 2,5 EA
307 459
Page: 102



PYK 2,5 CCA
307 219
Page: 103

PYK Series Multi input/output Terminals



PYK 2,5 E
307 439
Page: 106



PYK 2,5 ET
336 550
Page: 106



PYK 2,5 C
307 389
Page: 107



PYK 2,5 CT
336 540
Page: 107



PYK 4 E
307 229
Page: 107

YBK Series Terminals



YBK 2,5
306 229
Page: 110



YBK 4
336 239
Page: 110



YBK 6
306 249
Page: 111



YBK 10
306 259
Page: 111

YBK Series Earth Terminals



YBK 2,5 T
336 220
Page: 112



YBK 4 T
336 230
Page: 112



YBK 6 T
336 240
Page: 113

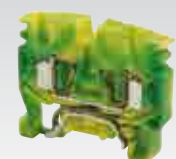


YBK 10 T
336 250
Page: 113

MYK Series Mini Terminals



MYK 2,5
306 429
Page: 114



MYK 2,5 T
336 420
Page: 114

YBK Series Double-Deck Terminals



MYPK 2,5
306 439
Page: 115



MYSK 2,5
306 449
Page: 115



YBK 2,5-2 F
316 109
Page: 118



YBK 2,5-2 FK
316 129
Page: 118



YBK 2,5-2 FD A
316 219
Page: 119



YBK 2,5-2 FD B
316 229
Page: 119



YBK 2,5-2 FLD
316 ..9
Page: 119



YBK 4-2 F
318 109
Page: 120



YBK 4-2 FK
318 129
Page: 120



YBK 4-2 FD A
318 219
Page: 121



YBK 4-2 FD B
318 229
Page: 121



YBK 4-2 FLD
318 ..9
Page: 121

YBK Series Multilevel Terminals



YBK 2,5-3 F
324 509
Page: 122



YBK 2,5-2 FT
324 809
Page: 122



YBK 2,5-3 FT
324 609
Page: 123



YBK 2,5-3 FLD (PNP)
324 749
Page: 123

YBK Series Sensor Terminals



YBK 2,5-3 FLD (NPN)
324 739
Page: 123



YBK 3 S
324 709
Page: 126



YBK 3 SLD (NPN)
324 719
Page: 126



YBK 3 SLD (PNP)
324 729
Page: 127



YBK S
355 119
Page: 128



YBK SB
363 109
Page: 128



YBK SLD
... ..9
Page: 129



YBK 2,5 A
353 209
Page: 129



YBK I
355 129
Page: 130



YBK IB
363 209
Page: 130



YBK ILD
... ..9
Page: 131



YBK 2,5 E
326 059
Page: 134



YBK 2,5 C
326 109
Page: 134



YBK 2,5 Cx2
326 209
Page: 135



YBK 2,5 CD
326 219
Page: 136



YBK 2,5 CLD
326 ..9
Page: 136



YBK 2,5 CT
336 100
Page: 137



YBK 2,5 ET
336 110
Page: 137



PCY 2,5
364 019
Page: 140



PCY 2,5 N
364 080
Page: 140



PCY 2,5 E
364 059
Page: 141



PCY 2,5 L
... ..9
Page: 141



PCY 2,5 EL
... ..9
Page: 141



TRV 4
422 017
Page: 142



TRV 4 B
422 057
Page: 142



TRV 4 M
422 047
Page: 143



TRV 4 S
422 027
Page: 143



TRV 4 T
422 060
Page: 143



TRV 10
422 037
Page: 143

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.

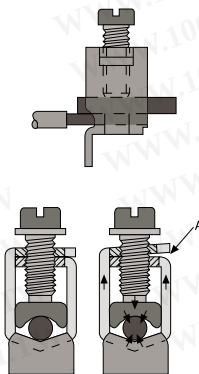


Connection Systems

SCREW CONNECTION

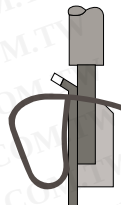
This is the most popular of all known methods of connection. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any special preparation. Klemsan screw clamp system is built in protection against loosening.

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.

Conductors

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

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

Conductor cross sections are distinguished as metric and American standards.

Metric 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

Figure 1

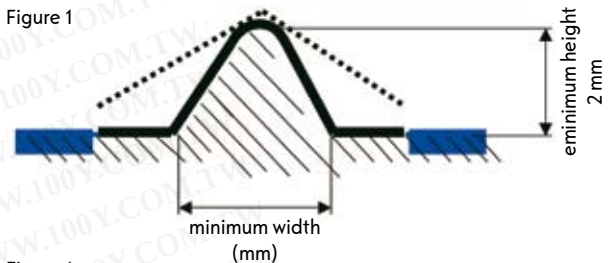
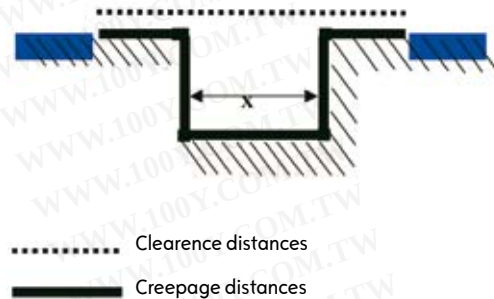


Figure 1



..... Clearance distances

———— Creepage distances

Torque Values of Fastening

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

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

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

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

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

Ref: IEC 60947-1/ IEC 60999-1

Klemsan apply security tests to its screw-type terminals with doubled values of IEC torque standards.

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	$600 \leq \text{CTI}$
Material group II	$400 \leq \text{CTI} < 600$
Material group IIIa	$175 \leq \text{CTI} < 400$
Material group IIIb	$100 \leq \text{CTI} < 175$

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

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

Protection Types

PE CONDUCTOR: The conductor with Earthing protection only.

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

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

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

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.

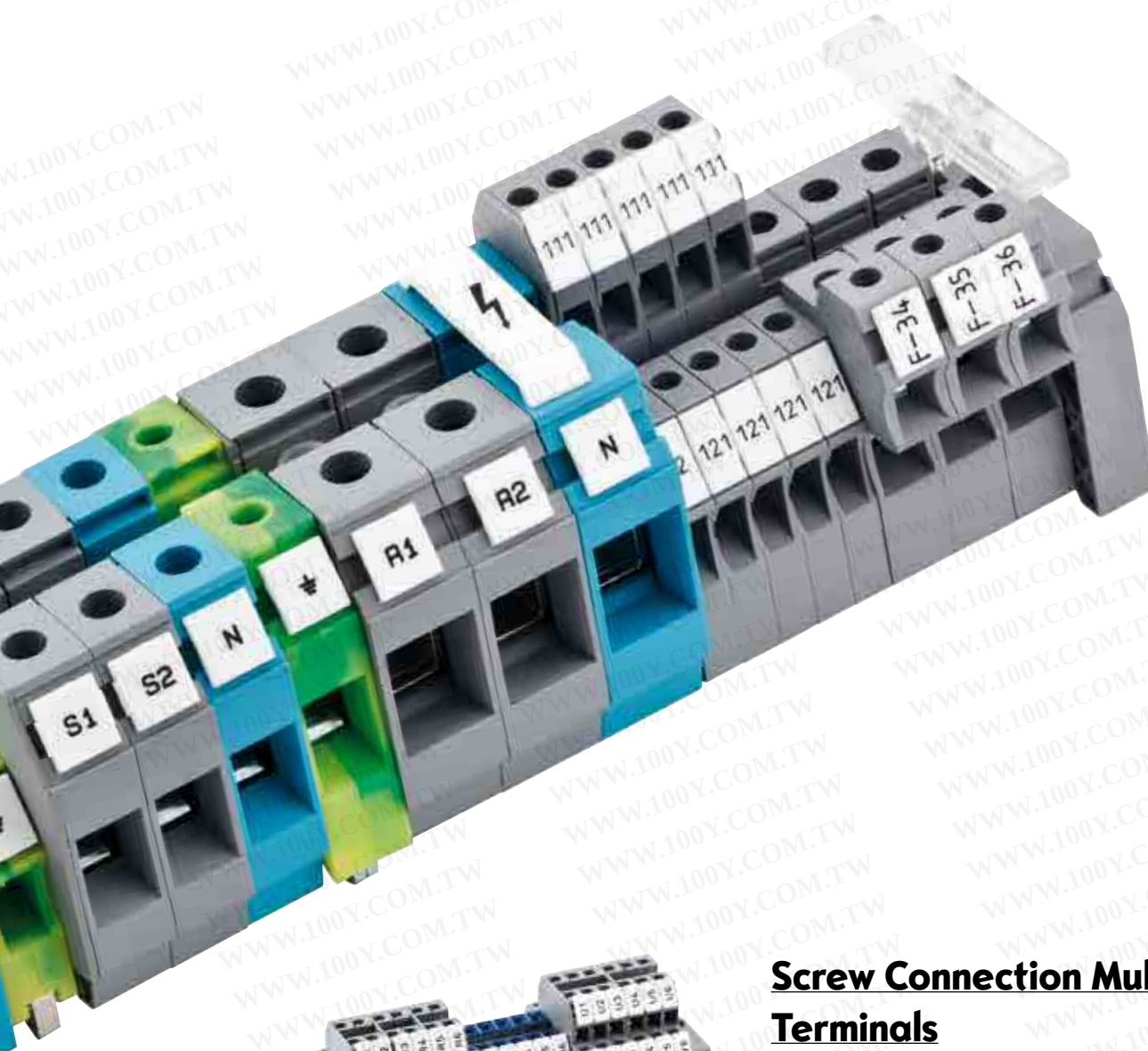
AVK RD Earth Terminals

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.

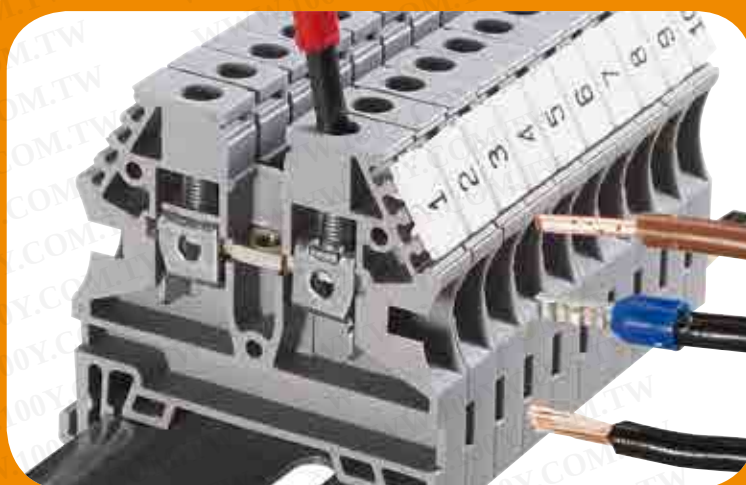
AVK Series Terminals



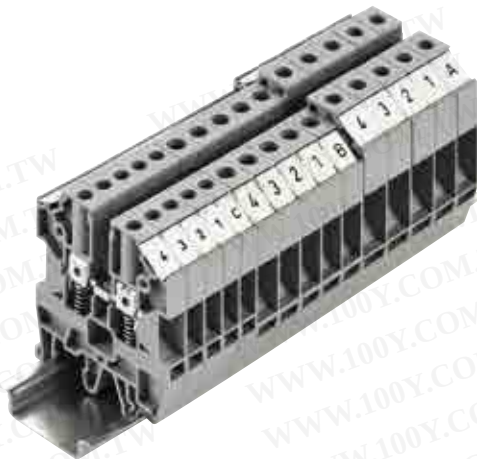
AVK Series Screw Connection Rail Terminals provide the whole range of cross sections from 2,5 up to 240 mm². Terminals accessories like Cross Connection, End Plate, Comb Connector are available. Special Marking solutions for each cross section can be provided by Plotter labeling. The color of products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



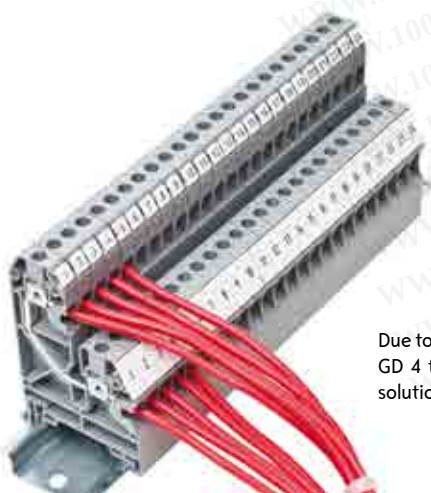
AVK RD Series Screw Connection Rail Terminals provide most widely used range of feed-through Terminals with 2,5 and 4 mm² cross-section. More practical and economical Spring Clamp Cross Connection is used instead of Standard Screw Type Cross Connection.



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



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.

AVK Series Terminals

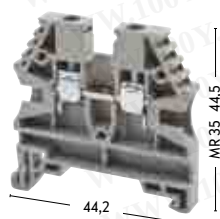
Feed-Through Terminals and Accessories



AVK 2,5

Width: 5 mm

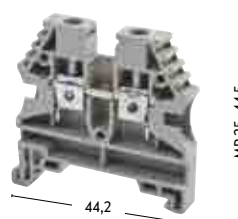
- 304 120**
- 304 121**
- 304 122**
- 304 123**
- 304 124**
- 304 129**



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 Nm (CSA: 0,5 Nm)			10 mm / 0,5 Nm (CSA: 0,8 Nm)		
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 1,5 mm - Polyamide 66			NPP 2,5 - 10	444 120	100	NPP 2,5 - 10	444 120	100
			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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

AVK 6

Width: 8 mm

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


AVK 10

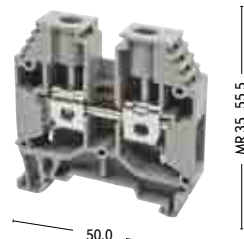
Width: 10 mm

- 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			1,5 - 25 mm ² / 1,5 - 25 mm ²		
26 - 8 / 0,5 - 6 mm ²			16 - 6 / 1,5 - 10 mm ²			12 - 4 / 1,5 - 16 mm ²		
12 mm / 0,8 Nm (CSA: 1,2 Nm)			12 mm / 1,2 Nm (CSA: 1,4 Nm)			16 mm / 12 Nm		
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			0,5 - 16 mm ² / 16 mm ² / 76 A			1,5 - 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

AVK Series Terminals

Feed-Through Terminals and Accessories

AVK 16 RD

Width: 12 mm

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



52,80

58,70

AVK 25 RD

Width: 12 mm

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



52,80

58,70

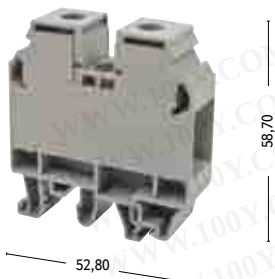


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
TSE / CE (EN 60947-7-1)		750 V ~ / 76 A / 16 mm²			750 V ~ / 101 A / 25 mm²		
VDE / VDE (IEC 60947-7-1)		750 V ~ / 76 A / 16 mm²					
UL / CSA		600 V ~ / 80 A / AWG 12 - 4					
ATEX		630 V ~ / 76 A					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		1,5 - 25 mm² / 1,5 - 25 mm²			1,5 - 35 mm² / 1,5 - 35 mm²		
AWG Conductor / Fine Strand with Ferrule		12 - 4 / 1,5 - 16 mm²			12 - 2 / 1,5 - 16 mm²		
Insulation Stripping Length / Torque		16 mm / 1,2 Nm			16 mm / ...		
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 1,5 mm - Polyamide 66		NPP / AVK 16 RD	444 170	100	NPP AVK 25 RD	450 250	100
 		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 mm² / 25 mm² - 25 mm² / 32 A			1,5 mm² / 25 mm² - 25 mm² / 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 / B7			1 / B7		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)							
		See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

AVK 35 RD

Width: 16 mm

- 304 250**
- 304 251**
- 304 252**
- 304 253**
- 304 254**
- 304 259**



Voltage / Current / Cross-Section		
750 V ~ / 125 A / 35 mm ²		
750 V ~ / 125 A / 35 mm ²		
600 V ~ / 115 A / AWG 12 - 2		
630 V ~ / 125 A		
1,5 - 50 mm ² / 1,5 - 35 mm ²		
12 - 2 / 1,5 - 35 mm ²		
18 mm / 2,5 Nm		
Type	Cat. No.	Qty.
AVK 35 RD	304 250	40
Type	Cat. No.	Qty.
APP / AVK 35 RD	462 180	25
APP / AVK 35 RD	462 181	25
APP / AVK 35 RD	462 182	25
APP / AVK 35 RD	462 183	25
APP / AVK 35 RD	462 184	25
APP / AVK 35 RD	462 189	25
Type	Cat. No.	Qty.
UK 35/2	474 172	25
UK 35/3	474 173	20
UK 35/4	474 174	15
UK 35/10	474 179	5
1,5 mm ² / 50 mm ² - 50 mm ² / 125 A		
8 kV / 3		
1 / B9		
IP 20 / -		
See pages 154 - 165 for usage of Dekafix		

Klemsan®

AVK T Series

Earth Terminals

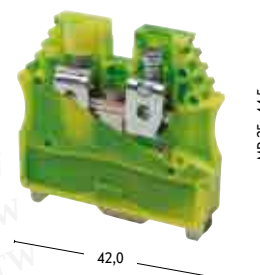
AVK 2,5 / 4 T

Width: 6 mm
334 120



AVK 6 / 10 T

Width: 10 mm
334 140



Electrical Ratings				Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-2)				- V ~ / - A / 4 mm ²			
VDE (IEC 60947-7-1 / IEC 60947-7-2)				- V ~ / - A / 4 mm ²			
UL / CSA				- V ~ / - A / AWG 26 - 10 (CSA: AWG 28 - 10)			
ATEX				630 V			
Connection Data				Voltage / Current / Cross-Section			
Solid Strand, Screw Con. - Fine Strand, Screw Con.				0,5 - 6 mm ² / 0,5 - 6 mm ²			
AWG Conductor / Fine Strand with Ferrule				26 - 10 / 0,5 - 4 mm ²			
Insulation Stripping Length / Torque				10 mm / 0,5 Nm (CSA: 0,8 Nm)			
Ordering Data				Voltage / Current / Cross-Section			
Yellow-Green				Type	Cat. No.	Qty.	Type
				AVK 2,5 / 4 T	334 120	50	AVK 6 / 10 T
							334 140
							25
Technical Data				Type			
• Max.clamping range / Max. technical data				Cat. No.			
• Rated Impulse Voltage / Pollution severity				Qty.			
• Insulation material group / Gauge pin code according to IEC 60947-1				0,2 - 4 mm ² / 6 mm ² -			
• Protection class / Protection conductor type				8 kV / 3			
				1 / B4			
				IP 20 / PE			
Marking Tags (Dekafix)				1 / B6			
				IP 20 / PE			
				See pages 154 - 165 for usage of Dekafix			
				See pages 154 - 165 for usage of Dekafix			

AVK 16 T RD

Width: 12 mm

334 200

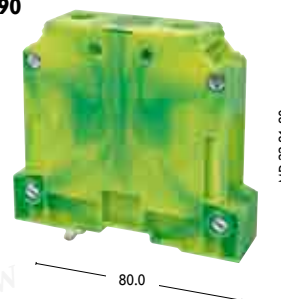
AVK 35 T RD

Width: 16 mm

334 210

AVK 50 T

Width: 20 mm

334 190


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 16 mm ²			- V ~ / - A / 35 mm ²			- V ~ / - A / 50 mm ²		
- V ~ / - A / 16 mm ²			- V ~ / - A / 35 mm ²					
- V ~ / - A / AWG 12 - 4			- V ~ / - A / AWG 12 - 2			- V ~ / - A / AWG 6 - 1/0		
630 V			630 V			800 V		
1,5 - 25 mm ² / 1,5 - 25 mm ²			1,5 - 50 mm ² / 1,5 - 35 mm ²			16 - 70 mm ² / 25 - 50 mm ²		
12 - 4 / 1,5 - 16 mm ²			12 - 2 / 1,5 - 35 mm ²			6 - 0 / 16 - 50 mm ²		
16 mm / 1,2 Nm			18 mm / 2,5 Nm			20 mm / 6 Nm		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 16 T RD	334 200	50	AVK 35 T RD	334 210	40	AVK 50 T	334 190	10
1,5 - 25 mm ² / -			1,5 - 50 mm ² / -			16 - 70 mm ² / -		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B9			1 / B9			1 / B10		
IP 20 / PE			IP 20 / PE			IP 20 / PE		
See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Klemsan®

AVK RD Series

Terminals

Feed-Through

Terminals and

Accessories

AVK 2,5 RD

Width: 5 mm

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



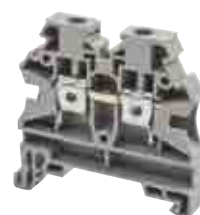
42,7

MR 35 44,4

AVK 4 RD

Width: 6 mm

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



42,7

MR 35 44,4

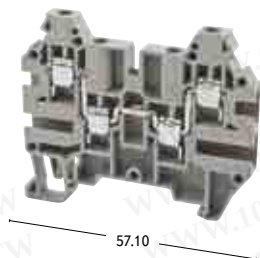


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²		
VDE (IEC 60947-7-1)		750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²		
UL / CSA		600 V ~ / 20 A / AWG 26 - 12			600 V ~ / 30 A / AWG 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 Nm			10 mm / 0,5 Nm		
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 1,5 mm - Polyamide 66		NPP 2,5 - 10	444 120	100	NPP 2,5 - 10	444 120	100
		APP 2,5 - 10	462 120	25	APP 2,5 - 10	462 120	25
 NPP APP NPP AVK 2,5CC							
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
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

AVK 2,5 CC

Width: 5 mm

324 909
324 900

AVK 4 C

Width: 6 mm

325 109
325 100

AVK 4 GD

Width: 6 mm

304 279
304 270


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 24 A / 2,5 mm ²			750 V ~ / 32 A / 4 mm ²			500 V ~ / 24 A / 4 mm ²		
600 V ~ / 20 A / AWG 26 - 12			600 V ~ / 30 A / AWG 22 - 10					
630 V ~ / 23 A			630 V ~ / 29,5 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 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,5 Nm			10 mm / 0,5 Nm			9 mm / 0,5 Nm		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 2,5 CC	324 909	100	AVK 4 C	325 109	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 AVK 4 C	450 170	10	NPP AVK 4 GD	444 140	25
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
UK 2,5/2	476 222	25	UK 4/2	480 142	25	UK 4/2	476 232	25
UK 2,5/3	476 223	20	UK 4/3	480 143	20	UK 4/3	476 233	20
UK 2,5/4	476 224	15	UK 4/4	480 144	15	UK 4/4	476 234	15
UK 2,5/10	476 229	5	UK 4/10	480 149	5	UK 4/10	476 239	5
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

Klemsan®

AVK RD Series

Earth Terminals and Accessories

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 / 0,5 Nm			10 mm / 0,5 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey		AVK 2,5 TRD	334 170	50	AVK 4 T RD	334 180	50
End Plate							
Width 1 mm - Polyamide 66							
							
Cross Connection							
							
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

AVK 2,5 CCT

Width: 5 mm

334 220

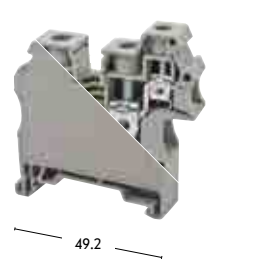
AVK 10 T RD 4

Width: 10 mm

334 230

AVK 10 RD 4

Width: 10 mm

304 289
304 280


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V / ~ A / 2,5 mm ²			- V / ~ A / 10 - 4 mm ²			800 V ~ / 57 A / 4 mm ²		
- V / ~ A / AWG 26 - 12								
630 V								
0,5 - 4 mm ² / 0,5 - 4 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²			1,5 - 16 mm ² / 1,5 - 16 mm ²		
26 - 12 / 0,5 - 2,5 mm ²			16 - 6 / 0,5 - 10 mm ²			16 - 6 / 0,5 - 10 mm ²		
10 mm / 0,5 Nm			10 - 7 mm / 1,5 Nm			10 - 7 mm / 1,5 Nm		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AVK 2,5 CCT	334 220	25	AVK 10 T RD	334 230	60	AVK 10 RD 4	304 289	60
Type	Cat. No.	Qty.						
NPP AVK 2,5 CCT	444 132T	25						
						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
0,2 - 4 mm ² / -			0,5 - 16 mm ² / -			0,5 - 16 mm ² / 16 mm ² - 76 A		
8 kV / 3			6 kV / 3			6 kV / 3		
1 / B3			1 / B6 - A4			1 / B6 - A4		
IP 20 / PE			IP 20 / -			IP 20 / -		
See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Klemsan®

AVK Y Series

Terminals

AVK Y 4

Width: 6 mm

304 500

304 509

new



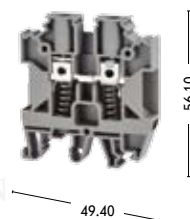
AVK Y 6

Width: 8 mm

304 510

304 519

new



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		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		10 mm / 0,5 Nm			12 mm / 0,8 Nm		
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 1,5 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

AVK Y 10

Width: 10 mm

304 520

304 529

new



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 Nm		
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 154 - 165 for usage of Dekafix		

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


MR 15 33,75

27.0



MR 15 33,75

27.0

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 mm²			400 V ~ / 32 A / 4 mm²		
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 mm² / 0,5 - 4 mm²			0,5 - 6 mm² / 0,5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule		16 - 8 / 0,5 - 2,5 mm²			26 - 10 / 0,5 - 4 mm²		
Insulation Stripping Length / Torque		12 mm / 1,2 Nm			10 mm / 0,5 Nm		
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 1,5 mm - Polyamide 66	Grey	NPP MVK	444 429	100	NPP MVK	444 429	100
	Yellow-Green						
							
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 mm² / 4 mm² / 32 A			0,2 - 6 mm² / 6 mm² / 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 154 - 165 for usage of Dekafix			See pages 154 - 165 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			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,4 Nm			10 mm / 0,5 Nm		
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Klemsan®

Functional Terminals and Sockets

AVK 2,5 F

Width: 6 mm

324 929

324 920

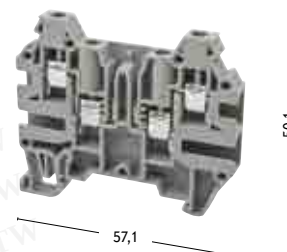


AVK 2,5 CF

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 mm²			400 V /16A / 2,5 mm²		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm2 / 0,5 - 4 mm²			0,5 - 4 mm2 / 0,5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm²			26 - 12 / 0,5 - 2,5 mm²		
Insulation Stripping Length / Torque	10 - 0,5 Nm			10 - 0,5 Nm		
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

Electrical Ratings						
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	0,5 - 4 mm ² / 4 mm ² - 16 A			0,5 - 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

Width:
498 859



- See page 197 for usage of screwdriver

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.



PB - CPB Series Feed Through and Earth Terminals

PB 6

Width: 11 mm

307 519

307 510

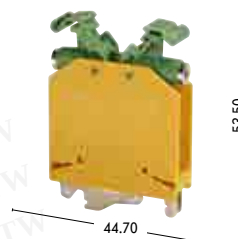
new

PB 6T (Earth)

Width: 11 mm

336 580

new

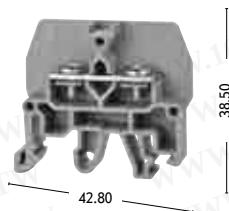


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE(EN 60947-7-1 / EN 60947-7-2)	800 V /41A / 6 mm²			~ V ~ / - A / 6 mm²		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 6 mm² / 0,5 - 6 mm²			0,5 - 6 mm² / 0,5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule	20 - 10			20 - 10		
Insulation Stripping Length / Torque	10 / 0,8 Nm			10 / 0,8 Nm		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PB 6	307 519	40		
	Beige	PB 6	307 510	40		
	Yellow - Green			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 mm² / 41 A			0,5 - 6 mm²		
• 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						
Marking Tags (Dekafix)						
	See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

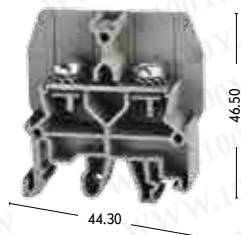
• See page 197 for usage of screwdriver

CPB 6

Width: 9,5 mm

326 809
326 800
new

CPB 6B

Width: 13 mm

326 819
326 810
new


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		
10 / 1,2 Nm			10 / 1,5 Nm		
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		
See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 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 pages 194-195 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.



Klemsan®

High Current Terminals

AVK 50

Width: 20 mm
304 330



Hexagon Socket Screw

AVK 70 RD

Width: 22 mm
304 490



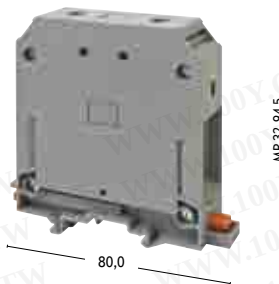
Hexagon Socket Screw



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 - 1/0			
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		20 mm / 6 Nm			20 mm / 6 Nm			
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 169 for usage of Dekafix			See page 169 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

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			
25 mm / 6 - 10 Nm				31 mm / 10 - 14 Nm				2/0 - 500 / 70 - 240 mm ²			
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 169 for usage of Dekafix				See page 169 for usage of Dekafix				See page 169 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			

AVK PB 50

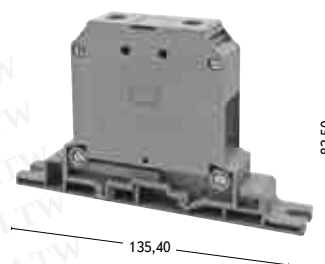
Width: 20 mm

304 440


Hexagon Socket Screw

AVK PB 70 RD

Width: 22 mm

304 450


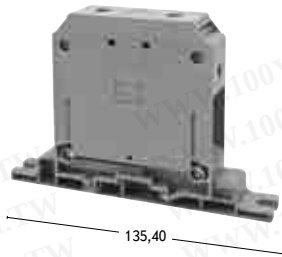
Hexagon Socket Screw



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		1000 V ~ / 150 A / 50 mm²			1000 V ~ / 192 A / 70 mm²		
UL / CSA		600 V ~ / 150 A / AWG 6 - 1/0					
ATEX		800 V ~ / 150 A					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		16 - 70 mm² / 25 - 50 mm²			16 - 70 mm² / 16 - 70 mm²		
AWG Conductor / Fine Strand with Ferrule		6 - 0 / 16 - 50 mm²			6 - 0 / 16 - 70 mm²		
Insulation Stripping Length / Torque		20 mm / 6 Nm			20 mm / 6 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Grey		AVK PB 50	304 440	6	AVK PB 70 RD	304 450	6
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 mm² / 70 mm² -192 A			16 - 70 mm² / 70 mm² -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 169 for usage of Dekafix			See page 169 for usage of Dekafix		

AVK PB 95

Width: 25 mm

304 460


Hexagon Socket Screw

AVK PB 150

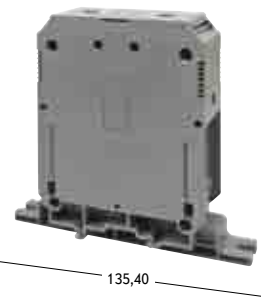
Width: 31 mm

304 470


Hexagon Socket Screw

AVK PB 240

Width: 36 mm

304 480


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		
25 mm / 6-10 Nm			31mm / 10-14 Nm			2/0 - 500 / 70 - 240 mm ²		
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
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
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 169 for usage of Dekafix			See page 169 for usage of Dekafix			See page 169 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 6r.		

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.			Solid Strand, Screw Con. - Fine Strand, Screw Con.		
AWG Conductor / Fine Strand with Ferrule		3/0 / 95 mm ²			300 KCMIL / 150 mm ²		
Insulation Stripping Length / Torque		 mm / 4 Nm			 / 6 Nm		
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		UKB 95/2	478 302	5	UKB 150/2	478 312	5
UKB 95/3		UKB 95/3	478 303	5	UKB 150/3	478 313	5
UKB 95/4		UKB 95/4	478 304	5	UKB 150/4	478 314	5
UKB 240/2							
Isolation Cover		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
KKB 95		KKB 95	466 100	4	KKB 150	466 110	4
Technical Data		95 mm ² / 95 mm ² - 232 A			150 mm ² / 150 mm ² - 309 A		
• Max.clamping range / Max. technical data		8 kV / 3			8 kV / 3		
• Rated Impulse Voltage / Pollution severity		1 / -			1 / -		
• Insulation material group / Gauge pin code according to IEC 60947-1		IP 10 / -			IP 10 / -		
• Protection class / Protection conductor type							
Marking Tags (Dekafix)		• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals			• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals		

AVK 240 B

Width: 53 mm

304 320

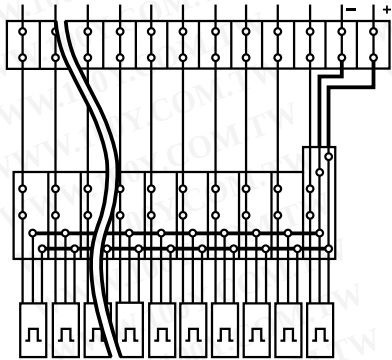


Voltage / Current / Cross-Section		
1000 V ~ / 415 A / 240 mm ²		
240 mm ² / 240 mm ²		
500 KCMIL / 240 mm ²		
..... / 10 - 14 Nm		
Type	Cat. No.	Qty.
AVK 240 B	304 320	4
Type	Cat. No.	Qty.
UKB 240/2	478 322	5
UKB 240/3	478 323	5
UKB 240/4	478 324	5
Type	Cat. No.	Qty.
KKB 240	466 120	4
240 mm ² / 240 mm ² - 415 A		
8 kV / 3		
1 / -0S		
IP 10 / -		
• DY 5, DG 10/6 Marking Tags can be used for labeling of AVK Bolt Connection Terminals		

Screw Type Multilevel / Sensor Terminals



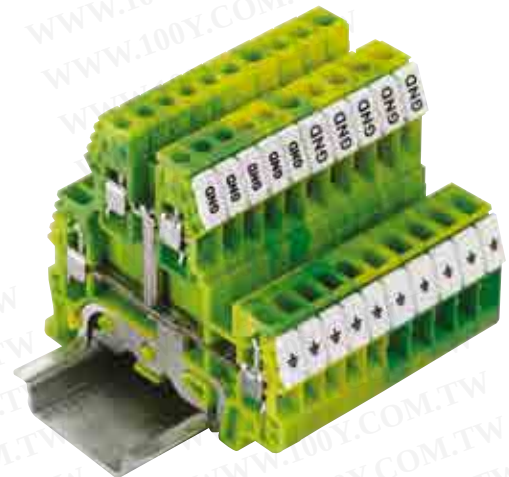
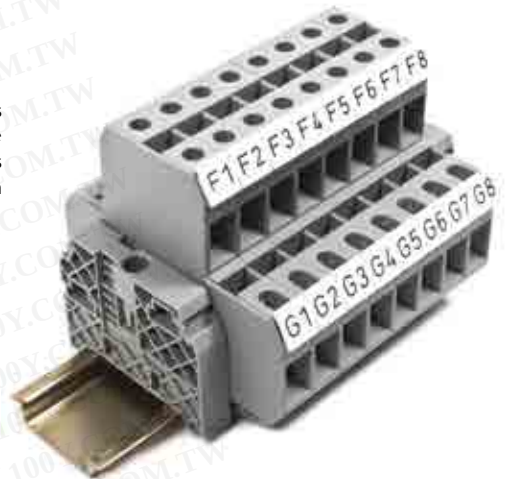
PUK Series Screw Connection Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Can be used with NPN and PNP types of sensors. Special Marking solutions for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



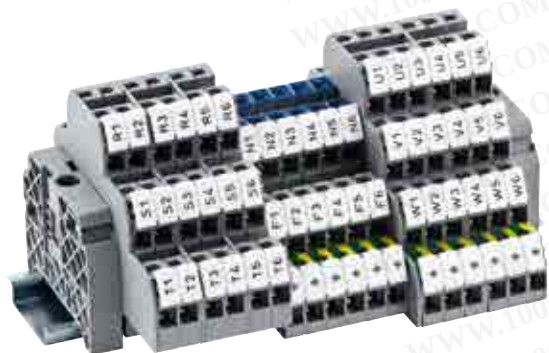
PIK Series Screw Connection Double-Deck Rail Terminals provide 2,5 - 4 - 10 mm² cross-section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both layers. Special Marking solutions for each cross section can be provided by Plotter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

50% space saving

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.

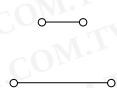


PUK Series Screw Connection Multilevel terminals provides solutions for different users' needs. They are ideal for limited spaces with their compact designs. In panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. PUK Series are ideal for usage in industries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

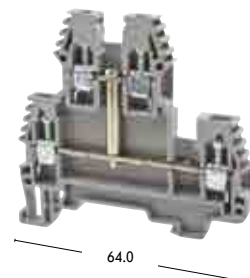
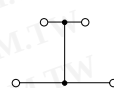
Screw Type Double - Deck Terminals

PIK 2,5 N

Width: 5 mm

317 109
317 101
317 100

PIK 2,5 NK

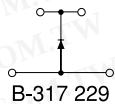
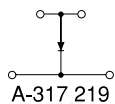
Width: 5 mm

317 129
317 121
317 120


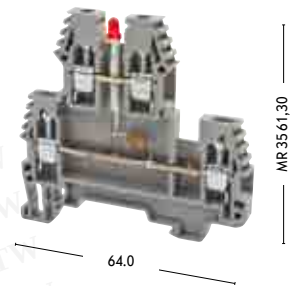
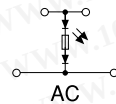
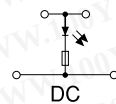
Electrical Ratings				Voltage / Current / Cross-Section				Voltage / Current / Cross-Section			
TSE / CE (EN 60947-7-1)				500 V ~ / 24 A / 2,5 mm ²				500 V ~ / 24 A / 2,5 mm ²			
UL / CSA				300 V ~ / 20 A / AWG 26 - 12				300 V ~ / 20 A / AWG 26 - 12			
ATEX				400 V ~ / 21,5 A							
Connection Data											
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				9 mm / 0,5 Nm				9 mm / 0,4 Nm			
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										
Electrical Ratings											
Diode Voltage											
Diode Current											
Diode											
End Plate				Type	Cat. No.	Qty.		Type	Cat. No.	Qty.	
Width 1,5 mm - Polyamide 66	Grey	NPP PIK 2,5 - 4 N	449 019	25				NPP PIK 2,5 - 4 N	449 019	25	
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 154 - 165 for usage of Dekafix				See pages 154 - 165 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

500 V ~ / 24 A / 2,5 mm²

300 V ~ / 20 A / AWG 26 - 12

0,5 - 4 mm² / 0,5 - 4 mm²

26 - 12 / 0,5 - 2,5 mm²

9 mm / 0,4 Nm

Type	Cat. No.	Qty.
PIK 2,5 ND - A	317 219	20
PIK 2,5 ND - B	317 229	20

1000 V

0,5 A

1 N 4007

Type	Cat. No.	Qty.
NPP PIK 2,5 - 4 N	449 019	25

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

Note: Only lower decks can be cross-connected

0,2 - 4 mm² / 4 mm² / 28 A

6 kV / 3

1 / B3

IP 20 / -

See pages 154 - 165 for usage of Dekafix

Voltage / Current / Cross-Section

- V ~ / 24 A / 2,5 mm²

- V ~ / 20 A / AWG 26 - 12

0,5 - 4 mm² / 0,5 - 4 mm²

26 - 12 / 0,5 - 2,5 mm²

9 mm / 0,4 Nm

Type	Cat. No.	Qty.
PIK 2,5 NLD	317 329 (24V DC) / 317 319 (24V AC)	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

Type	Cat. No.	Qty.
NPP PIK 2,5-4 N	449 019	25

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

Note: Only lower decks can be cross-connected

0,2 - 4 mm² / 4 mm² / 28 A

6 kV / 3

1 / B3

IP 20 / -

See pages 154 - 165 for usage of Dekafix

Screw Type Double - Deck Terminals

PIK 4 N

Width: 6 mm

319 109
319 101
319 100


64.0

MR 35 61,30

PIK 4 NK

Width: 6 mm

319 129
319 121
319 120


64.0

MR 35 61,30



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		9 mm / 0,5 Nm			9 mm / 0,5 Nm		
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						
Electrical Ratings							
Diode Voltage							
Diode Current							
Diode							
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	NPP PIK 2,5 - 4 N	449 019	25	NPP PIK 2,5-4 N	449 019	25
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

PIK 4 ND

Width: 6 mm

319 219
319 211
319 210


B-319 229


PIK 4 NLD

Width: 6 mm

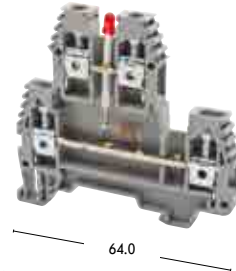
...9

...1

...0



AC



Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 32 A / 4 mm ²			- V ~ / 32 A / 4 mm ²		
300 V ~ / 30 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		
9 mm / 0,5 Nm			9 mm / 0,5 Nm		
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
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			Note: Only lower decks can be cross-connected		
0,2 - 6 mm ² / 6 mm ² / 39 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Screw Type Double - Deck Terminals

PIK 4 FS

Width: 6 mm

319 809
319 801
319 800


70,5

MR 35 58,9

PIK 10 N

Width: 10 mm

319 909
319 900


77,90

MR 35 73,0



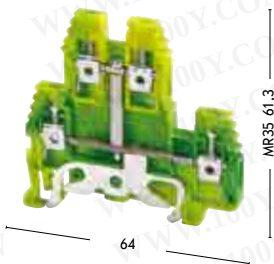
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)		400 V ~ / 20 A / 4 mm²			800 V ~ / 57 A / 10 mm²		
ATEX		400 V ~ / 20 A					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm² / 0,5 - 6 mm²			1,5 - 16 mm² / 1,5 - 16 mm²		
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0,5 - 4 mm²			18 - 6 / 1,5 - 10 mm²		
Insulation Stripping Length / Torque		8 mm / 0,4 Nm			12 mm / 1,2 Nm		
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 1,5 mm - Polyamide 66	Grey	NPP PIK 4 FS	449 029	20	NPP PIK 10 N	449 039	20
							
NPP PUK 3							
							
NPP PUK 3 T							
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 mm² / 6 mm² / 20 A			0,5 - 16 mm² / 16 mm² / 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Klemsan®

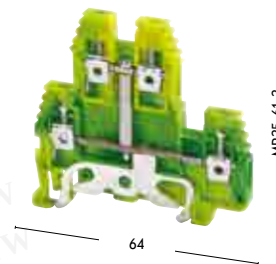
Double Deck

Earth Terminals

PIK 2,5 NT
Width: 5 mm
336 560



PIK 4 NT
Width: 6 mm
336 570



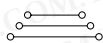
Electrical Ratings			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)			~ V ~ / ~ A / 2,5 mm ²			~ V ~ / ~ A / 4 mm ²		
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.			0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 6 mm ² / 0,5 - 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			9 mm / 0,5 Nm			9 mm / 0,5 Nm		
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.
	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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		



Screw Type Multilevel Terminals

PUK 3

Width: 6 mm

 324 109
 324 100


87,15

MR 35 65,20

PUK 2 T

Width: 6 mm

 324 209
 324 200


87,15

MR 35 65,20



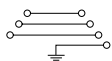
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)		440 V ~ / 24 A / 2,5 mm ²			440 V ~ / 24 A / 2,5 mm ²		
UL		300 V ~ / 24 A / AWG 24 - 12			300 V ~ / 24 A / AWG 24 - 12		
ATEX		400 V ~ / 24 A			400 V ~ / 24 A		
Connection Data							
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		9 mm / 0,4 Nm			9 mm / 0,4 Nm		
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 1,5 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			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B 6			1 / B 3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / PE		
Marking Tags (Dekafix)							
		See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 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		
9 mm / 0,4 Nm		
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		
8 kV / 3		
1 / B 3		
IP 20 / PE		
See pages 154 - 165 for usage of Dekafix		

Screw Type Sensor Terminals

PUK 3 S

Width: 6 mm

324 409

324 400



74,30

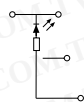
MR 35 65,20

PUK 3 SLD (NPN)

Width: 6 mm

324 419

324 400



74,30

MR 35 65,20



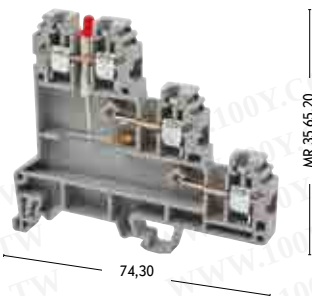
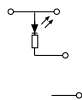
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm ²			- V ~ / 24 A / 2,5 mm ²		
UL / CSA		300 V ~ / 24 A / AWG 24 - 12					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 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		9 mm / 0,4 Nm			9 mm / 0,4 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PUK 3 S	324 409	20	PUK 3 SLD (NPN)	324 419 (24 VDC)	20
End Plate - Disconnect Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	NPP PUK 3 S	450 169	10	NPP PUK 3 S	450 169	10
							
NPP PUK 3 S							
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			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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

PUK 3 SLD (PNP)

Width: 6 mm

324 429

324 420



Voltage / Current / Cross-Section

- V ~ / 24 A / 2,5 mm²

0,5 - 4 mm² / 0,5 - 4 mm²

24 - 12 / 0,5 - 2,5 mm²

9 mm / 0,4 Nm

Type	Cat. No.	Qty.
PUK 3 SLD (PNP)	324 309 (24 VDC)	20

Type	Cat. No.	Qty.
NPP PUK 3 S	450 169	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

0,2 - 4 mm² / 4 mm² / 32 A

8 kV / 3

1 / B3

IP 20 / -

See pages 154 - 165 for usage of Dekafix

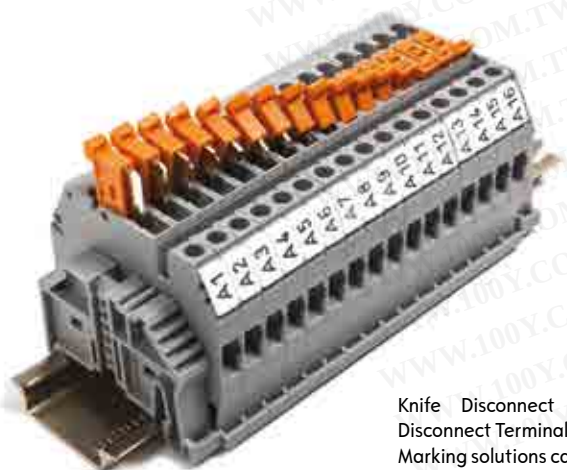
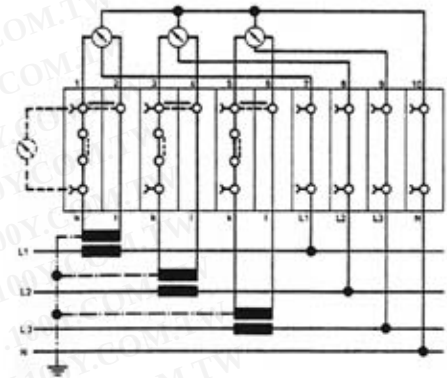
Screw Connection Disconnect / Test and Disconnect / Fuse Terminals

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

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



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

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

ASK 2 B

Width: 8 mm

 360 119
 360 110


MR 35 45,0

60,0

ASK 3 A

Width: 6,2 mm

 353 109
 353 100


MR 35 50,5

60,0



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			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 Nm			10 mm / 0,5 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	ASK 2 B	360 119	25	ASK 3 A	353 109	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	NPP ASK 2	450 049	25	NPP ASK 3	450 059	10
 							
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

324 930



- See page 197 for usage of screwdriver

Screw Type Disconnect Terminals

ASK 3 MB

Width: 6,2 mm

363 009

363 000



53,5

MR 35 72,5

ASK 3 FB

Width: 6,2 mm

362 009

362 000

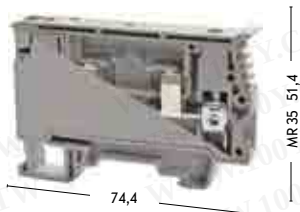


53,5

MR 35 65



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 - 8 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
Insulation Stripping Length / Torque		10 mm / 0,5 Nm			10 mm / 0,5 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	ASK 3 MB	363 009	20	ASK 3 FB	362 009	20
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	NPP ASK 3	450 059	10	NPP ASK 3	450 059	10
							
NPP ASK 3							
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		



- See page 197 for usage of screwdriver

Screw Type Test / Disconnect Terminals

WGO 1

Width: 8 mm
... ..9



65,0

WGO 2 N

Width: 10 mm
... ..9



74,6



Electrical Ratings			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)			380 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			26 - 8 / 1,5 - 6 mm ²			16 - 8 / 1,5 - 10 mm ²		
Insulation Stripping Length / Torque			12 mm / 0,8 Nm			10 mm / 1,2 Nm		
Ordering Data			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Without Socket - Beige / Grey	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	370 502 - 370 592	60	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 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 Disconnect Tool			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 10W/6	IZUK 6/4	476 304	10	IZUK 10/4	476 404	10	
		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				
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			0,2 - 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 / B5		
• Protection class / Protection conductor type			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)								
			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

WGO 2 IR

Width: 10 mm

375 909

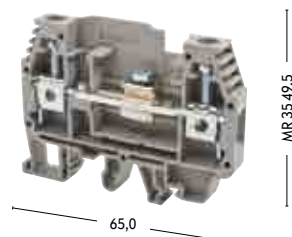
WGO 3

Width: 8 mm

... ..9


WGL 1

Width: 8 mm

375 790


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 57 A / 10 mm ²			400 V ~ / 41 A / 6 mm ²			400 V ~ / 41 A / 6 mm ²		
			300 V ~ / 43 A / AWG 20 - 8			300 V ~ / 50 A / AWG 20 - 8		
400 V ~ / 57 A			250 V ~ / 41 A					
1,5 - 16 mm ² / 1,5 - 16 mm ²			0,5 - 10 mm ² / 1,5 - 10 mm ²			0,5 - 10 mm ² / 1,5 - 10 mm ²		
16 - 8 / 1,5 - 10 mm ²			20 - 8 / 1,5 - 6 mm ²			20 - 8 / 1,5 - 6 mm ²		
10 mm / 1,5 Nm			10 mm / 0,8 Nm			10 mm / 0,8 Nm		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WGO 2 IR	375 900 - 375 909	50	WGO 3	375 600 - 375 690	50	WGL 1	375 700 - 375 790	50
			WGO 3	375 601 - 375 691	50	WGL 1	375 701 - 375 791	50
			WGO 3	375 603 - 375 693	50	WGL 1	375 702 - 375 792	50
			WGO 3	375 602 - 375 692	50			
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP WGO 2 IR	450 240	5	NPP WGO 3	450 220	25	NPP WGO 1 - 2	450 100	5
NPP WGO 2 IR	450 249	5	NPP WGO 3	450 229	25	NPP WGO 1 - 2	450 109	5
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
IZUK 10W/2	476 502	10	IZUK 6/2	476 302	10	IZUK 6/2	476 302	10
IZUK 10W/3	476 503	10	IZUK 6/3	476 303	10	IZUK 6/3	476 303	10
IZUK 10W/4	476 504	10	IZUK 6/4	476 304	10	IZUK 6/4	476 304	10
IZUK 10W/6	476 506	10	IZUK 6/6	476 306	10	IZUK 6/6	476 306	10
IZUK 10W/10	476 509	10	IZUK 6/10	476 309	5	IZUK 6/10	476 309	5
			WGO UAA	498 300	1	WGO UAA	498 300	1
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TKO 10/2	476 292	25	TKO 6/2	476 282	25	TKO 6/2	476 282	25
TKO 10/3	476 293	20	TKO 6/3	476 283	20	TKO 6/3	476 283	20
TKO 10/4	476 294	15	TKO 6/4	476 284	15	TKO 6/4	476 284	15
TKO 10/10	476 299	5	TKO 6/10	476 289	5	TKO 6/10	476 289	5
1,5 - 16 mm ² / 16 mm ² - 57 A			0,2 - 10 mm ² / 10 mm ² - 57 A			0,2 - 10 mm ² / 10 mm ² - 57 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A6			1 / B5			1 / B5		
IP 20 / -			IP 20 / -			IP 20 / -		
See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

WGO Y Series

Test and Disconnect

Terminals

WGO Y 6

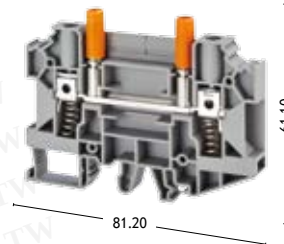
Width: 8 mm
375 919

new


WGO YD 6

Width: 8 mm
375 929

new



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		500 V ~ / 41 A / 6 mm ²			500 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 Nm			12 mm / 0,8 Nm		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
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		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	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		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		IZUK 6/2	476 302	10	IZUK 6/2	476 302	10
		IZUK 6/3	476 303	10	IZUK 6/3	476 303	10
		IZUK 6/4	476 304	10	IZUK 6/4	476 304	10
		IZUK 6/10	476 309	10	IZUK 6/10	476 309	10
		WGO UAA	498 300	1	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
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

WGO PB Series

Test and Disconnect

Terminals

WGO PB 6

Width: 11 mm

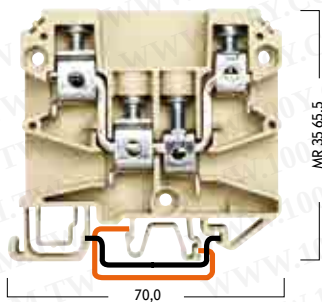
375 939

new

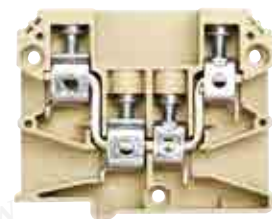


Electrical Ratings		Voltage / Current / Cross-Section			WGO PB Series		
CE (EN 60947-7-1 / EN 60947-7-2)		500 V ~ / 41 A / 6 mm ²			590 012	KYK-401	0,5 - 1,5 mm ²
					590 013	KYK-501	0,5 - 1,5 mm ²
Connection Data					590 021	KYK-402	1,5 - 2,5 mm ²
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm ² / 0,5 - 6 mm ²			590 022	KYK-502	1,5 - 2,5 mm ²
AWG Conductor / Fine Strand with Ferrule		26 - 10			590 030	KYK-406	4 - 6 mm ²
Insulation Stripping Length / Torque		10 mm / 0,8 Nm			590 031	KYK-506	4 - 6 mm ²
Ordering Data		Type	Cat. No.	Qty.	* You can find the ordering data of the terminals which are suitable for WGO PB series as above. See pages 194-195 for usage of Terminals.		
		Grey	WGO PB6	375 939			
		Beige	WGO PB6	375 930			
End Plate		Type	Cat. No.	Qty.			
		Grey	NPP WGO PB6	450 319			
		Beige	NPP WGO PB6	450 310			
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			
Test Plug		Type	Cat. No.	Qty.			
		TF (Q4)	493 040	5			
Technical Data		0,5 - 6 mm ² / 41 A					
		6 kV / 3					
		1 / NA					
Marking Tags (Dekafix)							
		See pages 154 - 165 for usage of Dekafix					

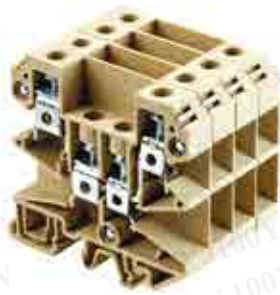
AYK 10/16
Width: 11 mm
395 100



AYK 10/16
Width: 11 mm
395 200



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		750 V ~ / (57 - 76 A) / (10 - 16 mm²)			750 V ~ / (57 - 76 A) / (10 - 16 mm²)		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		1,5 - 25 mm² / 1,5 - 25 mm²	1,5 - 16 mm² / 1,5 - 16 mm²		1,5 - 25 mm² / 1,5 - 25 mm²	1,5 - 16 mm² / 1,5 - 16 mm²	
AWG Conductor / Fine Strand with Ferrule		12 - 4 / 1,5 - 16 mm²	16 - 8 / 1,5 - 10 mm²		12 - 4 / 1,5 - 16 mm²	16 - 8 / 1,5 - 10 mm²	
Insulation Stripping Length / Torque		12 mm / 1,2 Nm	10 mm / 1,2 Nm		12 mm / 1,2 Nm	10 mm / 1,2 Nm	
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Beige	AYK 10/16	395 100	20	AYK 10/16	395 200	20
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Beige	NPP AYK	450 090	10	NPP AYK	450 090	10



- See page 197 for usage of screwdriver

Klemsan®

Screw Type Fuse Terminals

ASK 2 S

Width: 8 mm

■ 351 109

■ 351 100

ASK 2 LD

Width: 8 mm

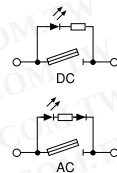
■9

■0



60,0

MR 35 45,0



60,0

MR 35 45,0



Electrical Ratings			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-3)			500 V ~ / 6,3 A / 6 mm²			- V ~ / 6,3 A / 6 mm²		
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 mm² / 1,5 - 10 mm²			0,5 - 10 mm² / 1,5 - 10 mm²		
AWG Conductor / Fine Strand with Ferrule			26 - 8 / 1,5 - 6 mm²			26 - 8 / 1,5 - 6 mm²		
Insulation Stripping Length / Torque			12 mm / 0,8 Nm			12 mm / 0,8 Nm		
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 1,5 mm - Polyamide 66	Grey	NPP ASK 2	450 049	25	NPP ASK 2	450 040 / 450 049	25	
 NPP ASK 3 NPP ASK 2								
Push-in Cross Connection								
								
Technical Data								
• Max.clamping range / Max. technical data			0,5 - 10 mm² / 10 mm² / 6,3 A			0,5 - 10 mm² / 10 mm² / 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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

• See page 197 for usage of screwdriver

ASK 3 M

Width: 6,2 mm

355 109

355 100



53,5

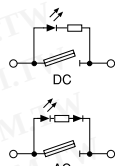
MR 35 72,5

ASK 3 MLD

Width: 6,2 mm

... 9

... 0



53,5

MR 35 72,5

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 - 8 / 0,5 - 4 mm ²			26 - 10 / 0,5 - 4 mm ²		
10 mm / 0,5 Nm			10 mm / 0,5 Nm		
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

Klemsan®

Screw Type Fuse Terminals

ASK 3 F

Width: 6.2 mm

354 109

354 100



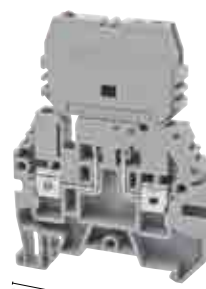
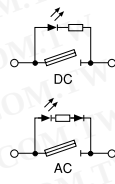
53,5

ASK 3 FLD

Width: 6.2 mm

... 9

... 0



53,5



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		12 mm / 0,5 Nm			12 mm / 0,5 Nm		
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 1,5 mm - Polyamide 66	Grey	NPP ASK 3	450 059	10	NPP ASK 3	450 059	10
 NPP ASK 3  NPP AVK 4 FS							
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 154 - 165 for usage of Dekafix			See pages 154 - 165 for usage of Dekafix		

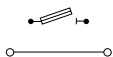
• See page 197 for usage of screwdriver

AVK 4 FS

Width: 8 mm

353 309

353 300



Voltage / Current / Cross-Section

500 V ~ / 6,3 A / 4 mm² - 500 V ~ / 32 A / 4 mm²

300 V ~ / 6,3 A / 4 mm² - 300 V ~ / 30 A / 4 mm²

0,5 - 10 mm² / 1,5 - 10 mm²

26 - 8 / 1,5 - 6 mm²

12 mm / 0,8 Nm

Type

Cat. No.

Qty.

AVK 4 FS

353 309

50

Type

Cat. No.

Qty.

NPP AVK 4 FS

450 209

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 - 4 mm² / 6 mm² - 10 A / 41 A

6 kV / 3

1 / B4

IP 20 / -

See pages 154 - 165 for usage of Dekafix

Klemsan®

Fuse Terminals for American Standards

ASK 4 S

Width: 10 mm

351 129

351 120



MR 35 51,4

74,4



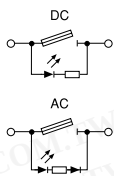
Electrical Ratings		Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-3)		750 V ~ / 6,3 A / 6 mm ²		
UL / CSA		600 V ~ / 6,3 A / AWG 22 - 8		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 10 mm ² / 1,5 - 10 mm ²		
AWG Conductor / Fine Strand with Ferrule		22 - 8 / 1,5 - 6 mm ²		
Insulation Stripping Length / Torque		12 mm / 0,8 Nm		
Ordering Data		Type	Cat. No.	Qty.
Polyamide 66	Grey	ASK 4 S	351 129	20
	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 154 - 165 for usage of Dekafix		

ASK 4 LD

Width: 10 mm

...9

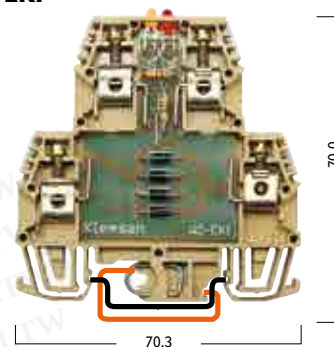
...0



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 / 0,8 Nm		
Type	Cat. No.	Qty.
ASK 4 LD	351 719 (24V AC)	20
ASK 4 LD	351 729 (24V DC)	20
ASK 4 LD	351 739 (48V AC)	20
ASK 4 LD	351 749 (48V DC)	20
ASK 4 LD	351 759 (110V AC)	20
ASK 4 LD	351 769 (110V DC)	20
ASK 4 LD	351 779 (220V AC)	20
ASK 4 LD	351 789 (220V DC)	20
0,5 - 10 mm ² / 10 mm ² - 6,3 A		
8 kV / 3		
1 / B5		
IP 20 / -		
See pages 154 - 165 for usage of Dekafix		

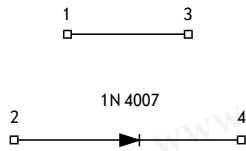
Klemsan®
Double Level
Electronic Terminal

WG - EKİ



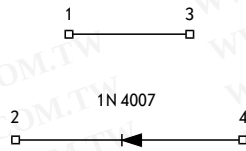
Electrical Ratings				
Terminal Current	10 A			
Diode Voltage	1000 V			
Diode Current	1 A			
Connection Data				
Solid Strand, Screw Connection	0,5 - 6 mm²			
Fine Strand, Screw Connection	0,5 - 2,5 mm²			
AWG Conductor	AWG 22 - 12			
Terminal Width	7,5 mm			
Insulation stripping length	7 mm			
	Type	Sch.Cir.Dia.	Input Volt.	Cat. No.
	WG - EKİ	1		110 010
	WG - EKİ	2		110 020
	WG - EKİ	3		110 030
	WG - EKİ	4		110 040
	WG - EKİ	5		110 050
	WG - EKİ	6		110 060
	WG - EKİ	7		110 070
	WG - EKİ	8		110 080
	WG - EKİ	9		110 090
	WG - EKİ	10		110 100
	WG - EKİ	11		110 110
	WG - EKİ	12	24 V	110 120
	WG - EKİ	13	24 V	110 130
	WG - EKİ	14	24 V DC	110 140
	WG - EKİ	14	110 V DC	110 150
	WG - EKİ	14	220 V DC	110 160
	WG - EKİ	15	24 V DC	110 170
	WG - EKİ	15	110 V DC	110 180
	WG - EKİ	15	220 V DC	110 190
	WG - EKİ	16	24 V DC	110 200
	WG - EKİ	17	24 V DC	110 210
	WG - EKİ	18	30 V	110 220
	WG - EKİ	18	60 V	110 230
	WG - EKİ	18	75 V	110 240
	WG - EKİ	18	130 V	110 250
	WG - EKİ	18	275 V	110 260
	WG - EKİ	19	24 V AC	110 270
	WG - EKİ	19	48 V AC	110 280
	WG - EKİ	19	110 V AC	110 290
	WG - EKİ	19	220 V AC	110 300
	WG - EKİ	20	24 V AC	110 310
	WG - EKİ	20	110 V AC	110 320
	WG - EKİ	20	220 V AC	110 330
	WG - EKİ	21	DC	110 340
	WG - EKİ	22	24 V DC	110 350
	WG - EKİ	22	48 V DC	110 360
	WG - EKİ	22	60 V DC	110 370
	WG - EKİ	23	-	110 380
	WG - EKİ	24	-	110 390
End Plate	Type	Width	Cat. No.	
	NPP - EKİ	1,2 mm	111 010	

1



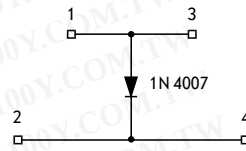
Reverse Current Protection

2



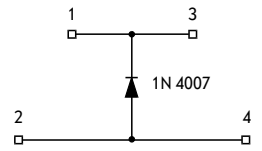
Reverse Current Protection

3



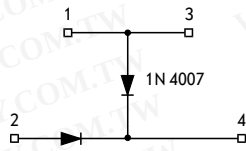
Block of Extra Current Genarated by Coils

4



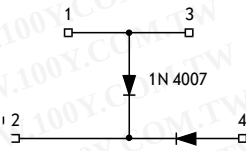
Block of Extra Current Genarated by Coils

5



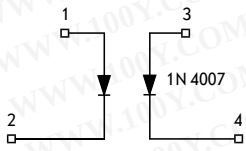
Lamp / Test Circuit

6



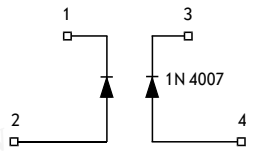
Lamp / Test Circuit

7



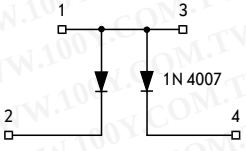
Reverse Current Protection

8



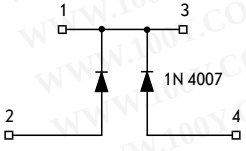
Reverse Current Protection

9



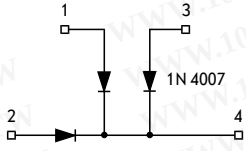
Lamp / Test Circuit

10



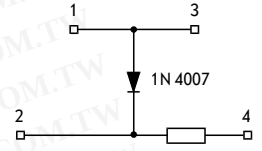
Lamp / Test Circuit

11



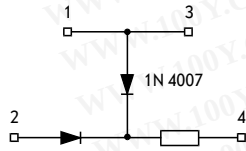
Lamp / Test Circuit

12



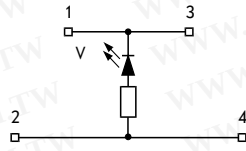
Lamp - LED / Test Circuit

13



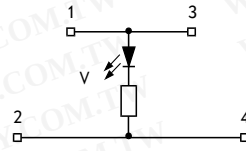
Lamp - LED / Test Circuit

14



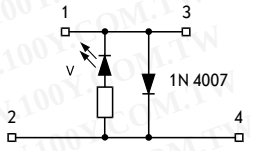
Voltage Indicator

15



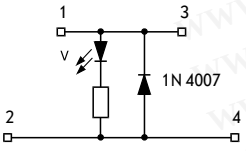
Voltage Indicator

16



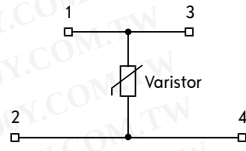
Voltage Indicator + Reverse Current Quenching

17



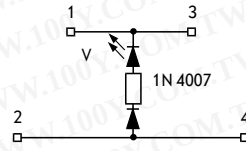
Voltage Indicator + Reverse Current Quenching

18



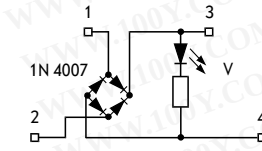
Overvoltage Protection

19



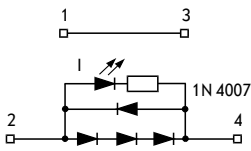
Voltage Indicator

20



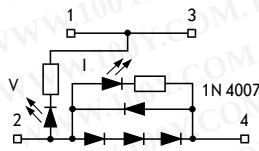
Voltage Indicator + Rectifier

21



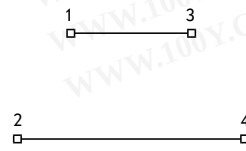
Current Indicator

22



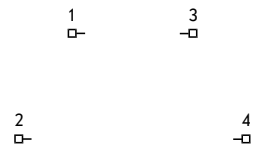
Direct Current and Voltage Indicator

23

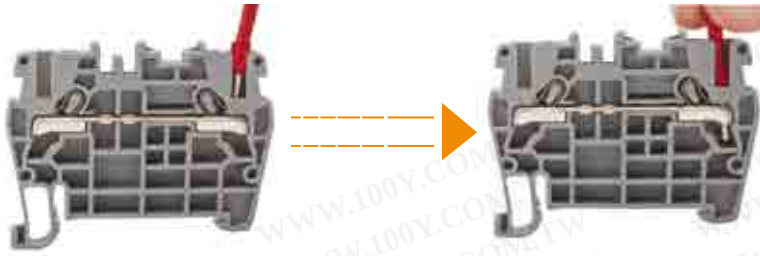


Terminal with Cross Connection

24



With a printed Circuit Card Only



Easy Mounting of PYK Series Terminals

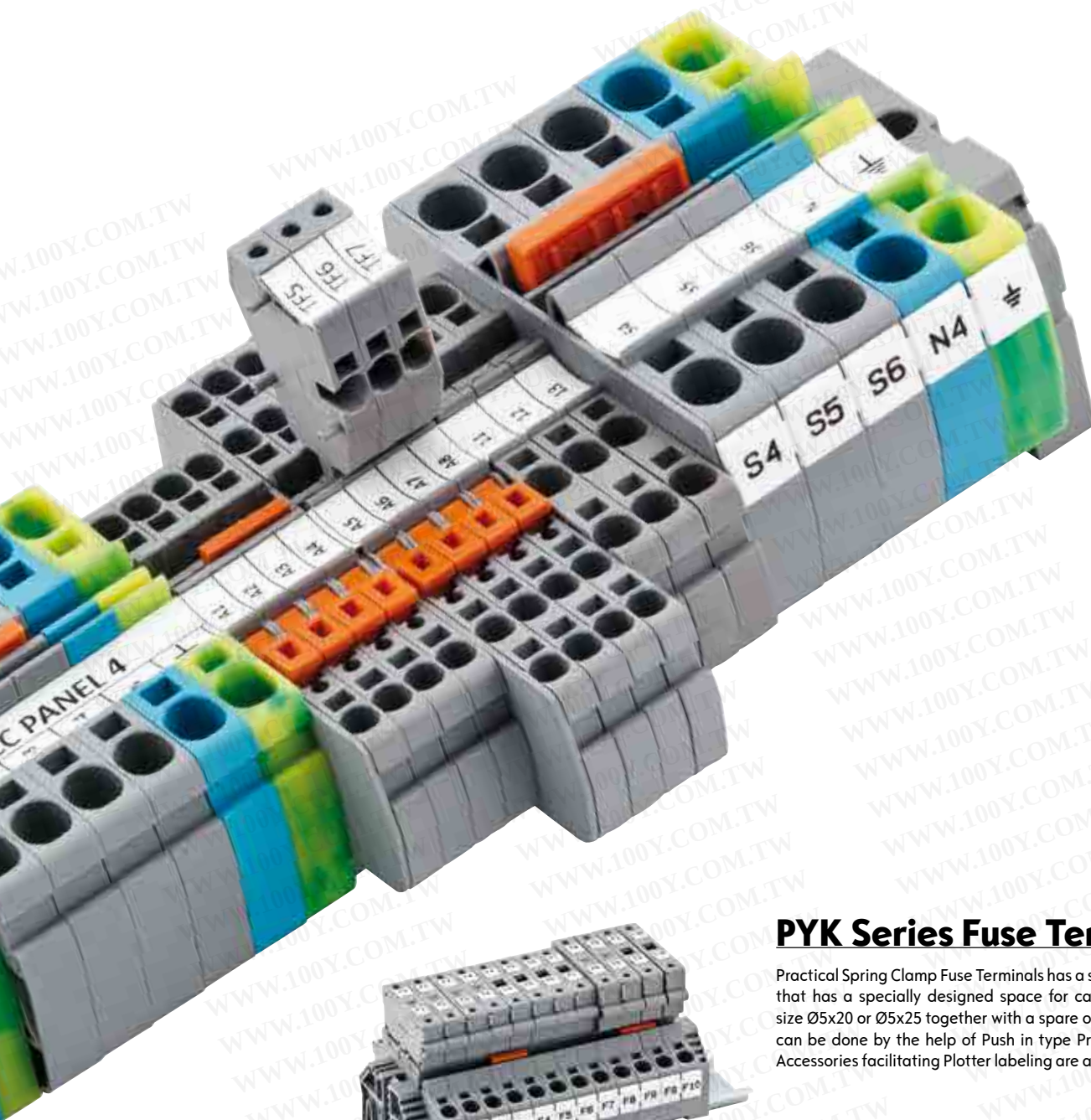
Solid/stranded cables(with ferrules) are connected to the terminal just by pushing-in, without the need to use a screwdriver. The patented design of its spring provides fast and safe connection in heavily vibrating environments.



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.



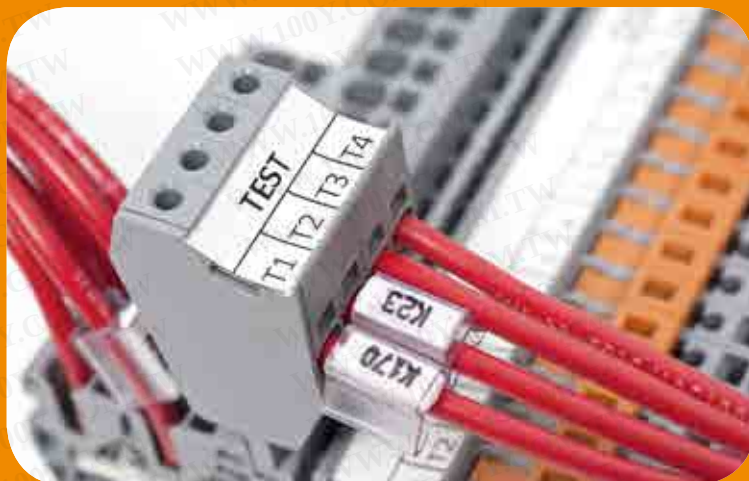
PYK Series Multilevel Terminals

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.

Klemsan®

Practical Spring Clamp Terminals

PYK 1,5

Width: 4,2 mm

- 307 009
- 307 001
- 307 002
- 307 003
- 307 004
- 307 000



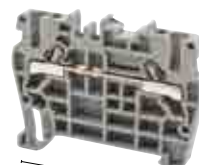
53,3

MR 35 43,0

PYK 2,5

Width: 5 mm

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



53,3

MR 35 43,0



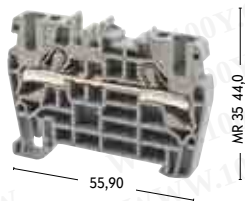
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		800 V / 17,5 A / 1,5 mm ²			800 V ~ / 24 A / 2,5 mm ²		
UL / CSA					600 V ~ / 20 A / AWG 22 - 12		
VDE					800 V ~ / 24 A / 2,5 mm ²		
ATEX					800 V ~ / 24 A		
Connection Data							
Solid 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 /		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYK 1,5	307 009	80	PYK 2,5	307 109	100
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Grey	NPP PYK 2,5	446 449	100	NPP PYK 2,5	446 449	100
							
Ayırma Plakaları		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		APP PYK 1,5	463 180	25	APP PYK 1,5 - 2,5 - 4	463 180	25
Push-in Cross Connection		Type	Cat. No.	Qty.	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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

• See page 197 for usage of screwdriver

PYK 4

Width: 6 mm

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


PYK 6

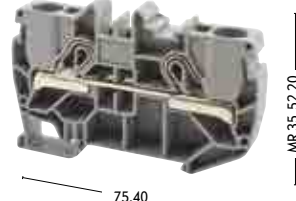
Width: 8 mm

- 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			600 V ~ / 55 A / AWG 20 - 6		
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 /		
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 / A4		
IP 20 / -			IP 20 / -			IP 20 / -		
See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

Klemsan®

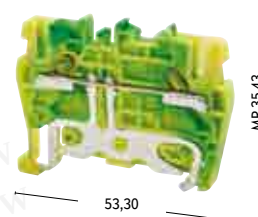
Practical Spring Clamp Earth Terminals

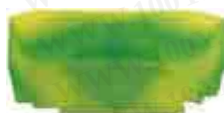
PYK 1,5 T

Width: 4,2 mm
336 490

PYK 2,5 T

Width: 5 mm
336 500

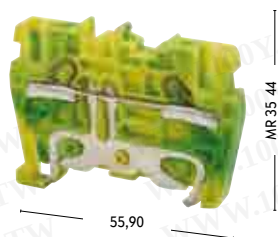


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-2)		- V ~ / - A / 1,5 mm ²			- V ~ / - A / 2,5 mm ²		
UL / CSA					- V ~ / - A / AWG 22 - 12		
VDE					- V ~ / - A / 2,5 mm ²		
ATEX					800 V		
Connection Data							
Solid Strand, Screw Con. - 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 /		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Yellow-Green	PYK 1,5 T	336 490	80	PYK 2,5 T	336 500	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Yellow-Green	NPP PYK 1,5 - 2,5 T	446 442 T	100	NPP PYK 1,5 - 2,5 T	446 442 T	10
							
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 / -			IP 20 / PE		
Marking Tags (Dekafix)							
		See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

• See page 197 for usage of screwdriver

PYK 4 T

Width: 6 mm

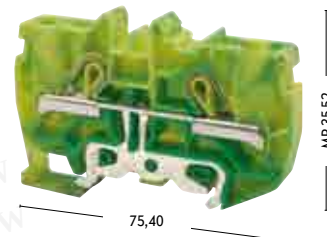
336 510

PYK 6 T

Width: 8 mm

336 520

PYK 10 T

Width: 10 mm

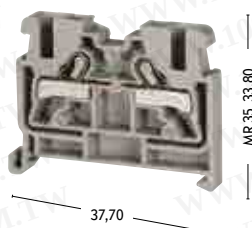
336 530


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
- V ~ / - A / 4 mm ²			- V ~ / - A / 6 mm ²			- V ~ / - A / 10 mm ²		
- V ~ / - A / AWG 22 - 10			- V ~ / - A / AWG 20 - 8			- V ~ / - A / AWG 20 - 6		
- V ~ / - A / 4 mm ²								
800 V			800 V			800 V		
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 /		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 4 T	336 510	50	PYK 6 T	336 520	60	PYK 10 T	336 530	25
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 4 T	446 452 T	10	NPP PYK 6 T	446 462 T	10	NPP PYK 10 T	446 472 T	10
0,2 - 6 mm ² / -			0,2 - 10 mm ² / 57 A			0,2 - 16 mm ² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A4		
IP 20 / PE			IP 20 / PE			IP 20 / PE		
See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

PYKMR Series **Practical Spring** **Clamp Mini** **Terminals**

PYKMR 2,5

Width: 5 mm

307 499
307 490
new

PYK Test
498 559
PYK Test A
498 659


Electrical Ratings	Voltage / Current / Cross-Section
--------------------	-----------------------------------

CE (EN 60947-7-1 / 60947-7-2)	800 V / 24 A / 2,5 mm ²
--------------------------------	------------------------------------

UL / CSA	
----------	--

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 / NA
--------------------------------------	------------

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 158-161 for usage of Dekafix

Used for Terminals	
--------------------	--

307 009	PYK 1,5
---------	---------

307 109	PYK 2,5
---------	---------

307 119	PYK 4
---------	-------

307 229	PYK 4 E
---------	---------

307 169	PYK 2,5 A
---------	-----------

307 219	PYK 2,5 CCA
---------	-------------

307 389	PYK 2,5 C
---------	-----------

307 439	PYK 2,5 E
---------	-----------

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, can be used with PYK 2,5 terminals. When plates are added to Test terminals, they can be used with PYK 4 terminals.



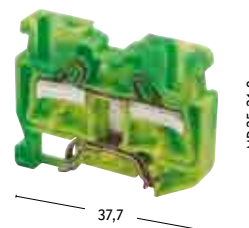
PYKM Series Practical Spring Clamp Mini Terminals

PYKM 2,5

Width: 5 mm

307 399
307 390
PYKM 2,5 T

Width: 5 mm

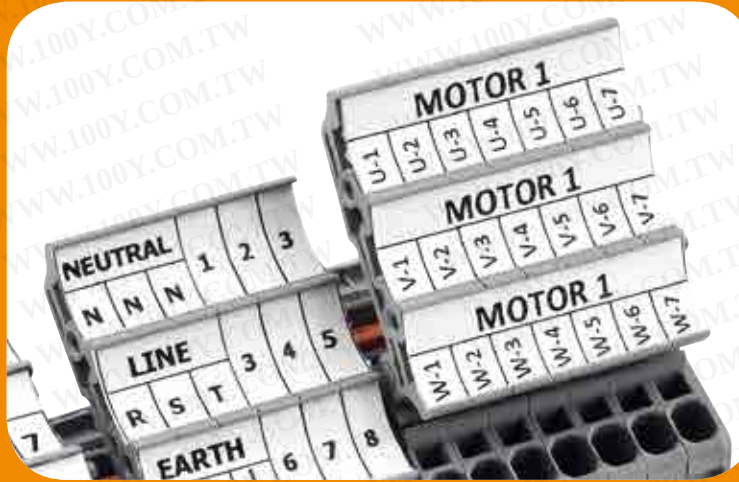
336 430


Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)	800 V ~ / 24 A / 2,5 mm²			- V ~ / - A / 2,5 mm²		
UL / CSA						
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0,5 - 4 mm² / 0,5 - 4 mm²			0,5 - 4 mm² / 0,5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm²			22 - 12 / 0,5 - 2,5 mm²		
Insulation Stripping Length / Torque	10 mm / ...			10 mm / ...		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYKM 2,5	307 399			50
	Beige					
	Yellow-Green					
				PYKM 2,5 T	336 430	50
End Plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Grey	PYKM NPP1	446 589			
	Grey	PYKM NPP2	446 599			
	Yellow-Green					
	Yellow-Green					
				PYKM NPP1	446 582 T	25
				PYKM NPP2	446 592 T	25
Technical Data						
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4mm² -32 A			0.2 - 4 mm² / -		
• 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

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 & lightning, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

Double - Deck Practical Spring Clamp Terminals

PYK 2,5 - 2 F

Width: 5 mm

307 179

307 170



75,30

MR 35 62,90

PYK 2,5 - 2 FK

Width: 5 mm

307 239

307 230



75,30

MR 35 62,90



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm²			500 V ~ / 24 A / 2,5 mm²		
UL / CSA		500 V ~ / 20 A / AWG 22 - 12					
VDE							
ATEX		500 V ~ / 21 A					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm² / 0,5 - 4 mm²			0,5 - 4 mm² / 0,5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm²			22 - 12 / 0,5 - 2,5 mm²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
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							
Diode Current							
Diode							
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Grey	NPP PYK 2,5 - 2 F	446 519	25	NPP PYK 2,5 - 2 FK	446 519	25
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 mm² / 32 A			0,2 - 4 mm² / 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

• See page 197 for usage of screwdriver

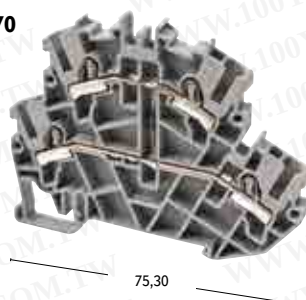
Double - Deck and Multilevel Practical Spring Clamp Terminals

PYK 2,5 - 2 FD B

Width: mm

307 379

307 370

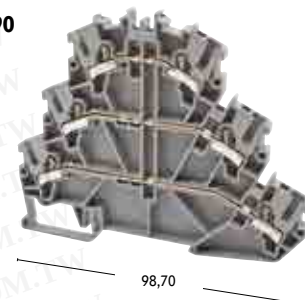


PYK 2,5 - 3 F

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 ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²		
UL / CSA								
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 /		
Ordering Data			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYK 2,5 - 2 FD B	307 379	40		PYK 2,5 - 3 F	307 199	30
Electrical Ratings								
Diode Reverse Voltage			1000 V					
Diode Current			0,5 A					
Diode			1 N 4007					
End Plate			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 mm - Polyamide 66	Grey	NPP PYK 2,5 - 2 F	446 519	25		NPP PYK 2,5 - 2 FT	446 529	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 / 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

PYK 2,5 - 2 FT

Width: 5 mm

307 189
307 180

PYK 2,5 - 3 FT

Width: 5 mm

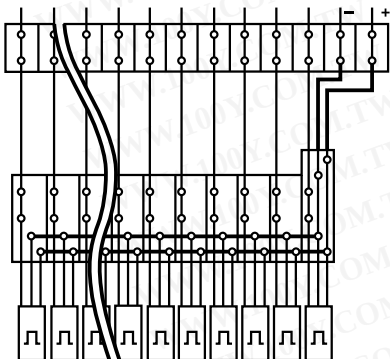
307 209
307 200


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²		
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 /		
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 / -		
See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

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. 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.

Practical Spring Clamp Sensor Terminals

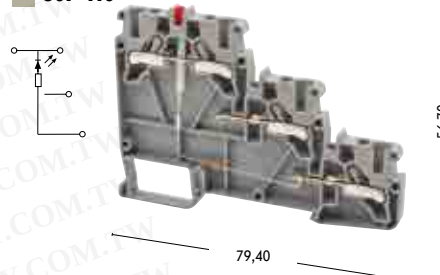
PYK 3 S

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							
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 /		
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	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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

• See page 197 for usage of screwdriver

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 /		
Type	Cat. No.	Qty.
PYK 3 SLD (PNP)	307 429	20
Type	Cat. No.	Qty.
NPP PYK 3 S	446 609	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		
8 kV / 3		
1 / A3		
IP 20 / -		
See page 158-161 for usage of Dekafix		

Practical Spring Clamp Fuse and Disconnect Terminals

PYK 4 S

Width: 8 mm

 307 249
 307 240

PYK 4 SLD

Width: 8 mm

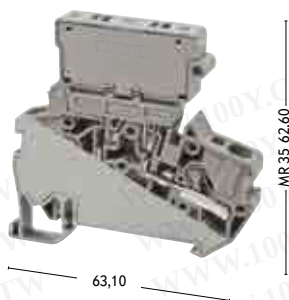
 307 ..9
 307 ..0

CE

Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-3)		500 V ~ / 10 A / 4 mm²			500 V ~ / 10 A / 4 mm²		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm² / 0,5 - 6 mm²			0,5 - 6 mm² / 0,5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm²			22 - 10 / 0,5 - 4 mm²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	PYK 4 S	307 249	15	PYK 4 SLD	307 259 - 24 V DC	15
	Grey				PYK 4 SLD	307 269 - 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 mm² / 10 A			0,2 - 6 mm² / 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

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			500 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 /		
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	307 339 - 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

Practical Spring Clamp Disconnect Terminals

PYK 2,5 A

Width: 5 mm

307 169

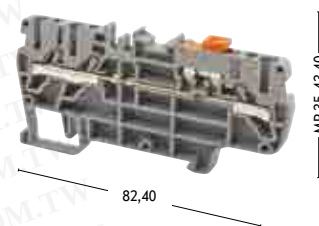
307 160

PYK 2,5 EA

Width: 5 mm

307 459

307 450



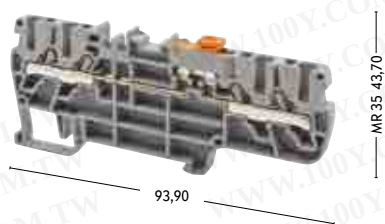
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-3)		400 V ~ / 20 A / 2,5 mm ²			400 V ~ / 16 A / 2,5 mm ²		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm ² / 0,5 - 4 mm ²			0,5 - 4 mm ² / 0,5 - 4 mm ²		
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 /		
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 - 20 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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

PYK 2,5 CCA

Width: 5 mm

307 219

307 210



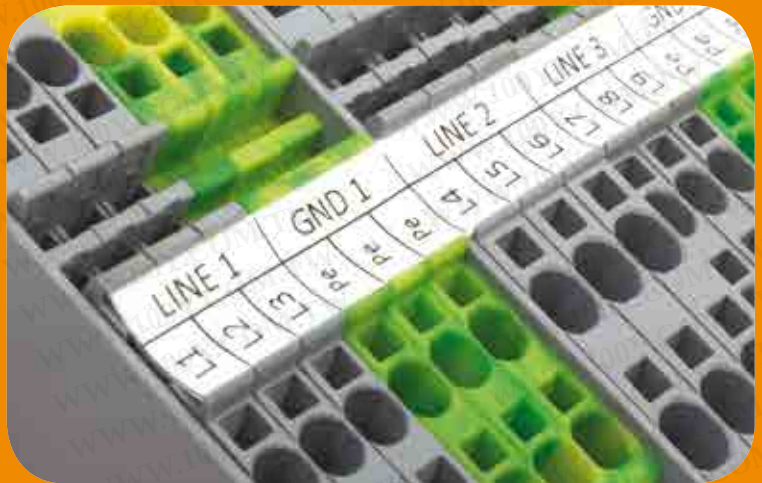
Voltage / Current / Cross-Section		
400 V ~ / 16 A / 2,5 mm ²		
0,5 - 4 mm ² / 0,5 - 4 mm ²		
22 - 12 / 0,5 - 2,5 mm ²		
10 mm /		
Type	Cat. No.	Qty.
PYK 2,5 CCA	307 219	60
Type	Cat. No.	Qty.
NPP PYK 2,5 CCA	446 549	100
Type	Cat. No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5
0,2 - 4 mm ² / 4 mm ² - 20 A		
4 kV / 3		
1 / A3		
IP 20 / -		
See page 158-161 for usage of Dekafix		

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, 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 2,5 E

Width: 5 mm

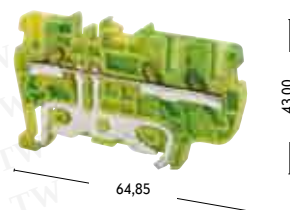
307 439

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							
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 /		
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.
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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

• See page 197 for usage of screwdriver

PYK 2,5 C

Width: 5 mm

307 389
307 380

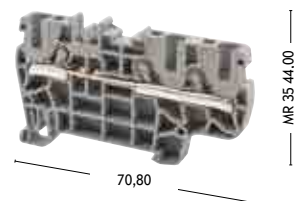
PYK 2,5 CT

Width: 5 mm

336 540

PYK 4 E

Width: 6 mm

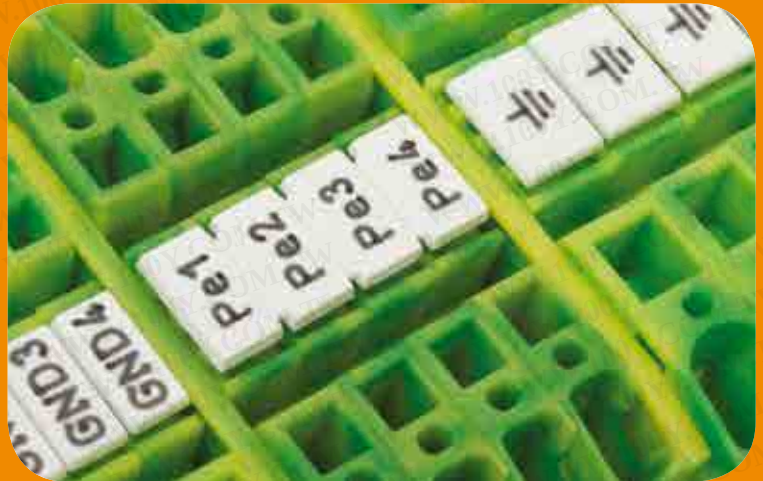
307 229
307 220


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 / 12 AWG			- V / - A / 12 AWG			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 /		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
PYK 2,5 C	307 389	50	PYK 2,5 CT	336 540	50	PYK 4 E	307 229	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP PYK 2,5 C	446 499	10	NPP PYK 2,5 CT	446 492 T	10	NPP 4 E	446 559	50
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 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix			See page 158-161 for usage of Dekafix		

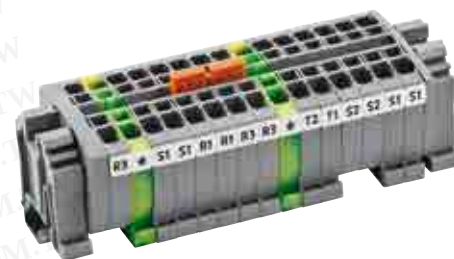
YBK Series Spring Clamp Terminals



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.



Klemsan®

YBK Spring Clamp

Terminals

YBK 2,5

Width: 5 mm

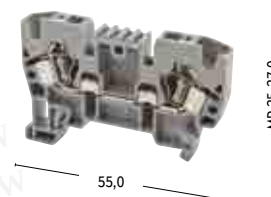
- 306 229
- 306 221
- 306 222
- 306 223
- 306 224
- 306 220



YBK 4

Width: 6 mm

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



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 /		
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 1,2 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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

• See page 197 for usage of screwdriver

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 22 - 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 /		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 6	306 249	100	YBK 10	306 259	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 6	446 349	100	NPP YBK 10	446 359	100
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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

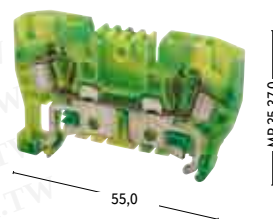
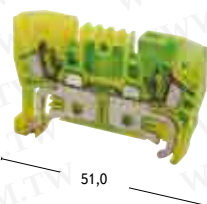
Klemsan®

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 /		
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 1,2 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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

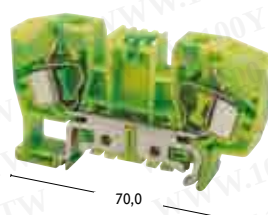
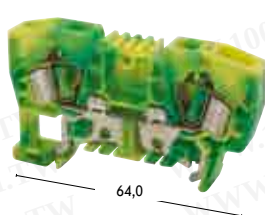
• See page 197 for usage of screwdriver

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 22 - 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 /		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 6 T	336 240	40	YBK 10 T	336 250	30
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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

Klemsan®

MYK Type Mini Spring Terminals for MR 15 Rails

MYK 2,5

Width: 5 mm

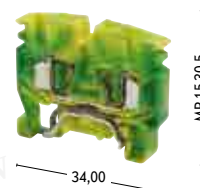
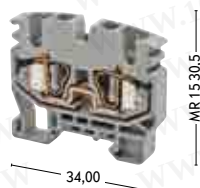
306 429

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 Width							
Ordering Data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	MYK 2,5	306 429	50			
	Sar - Green				MYK 2,5 T	336 420	50
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	MYK NPP 1	446 429	100			
	Grey	MYK NPP 2	446 439	100			
 MYK NPP 1 MYK NPP 2					NPP MYK 2,5 T (Yellow-Green)	446 332 T	10
Push-in Cross Connection		Type	Cat. No.	Qty.			
		UK 2,5/2	476 222	25			
		UK 2,5/3	476 223	20			
		UK 2,5/4	476 224	15			
		UK 2,5/10	476 229	5			
Technical Data							
• Max.clamping range / Max. technical data		0,2 - 4 mm ² / 4 mm ² - 32 A			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 / A3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / PE		
Marking Tags (Dekafix)							
		See page 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

• See page 197 for usage of screwdriver

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 /		
			Ø 3,5		
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 162-165 for usage of Dekafix			See page 162-165 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 & lightning, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Plotter Labeling.

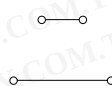
Double - Deck Spring Clamp Terminals

YBK 2,5 - 2 F

Width: 5 mm

316 109

316 100



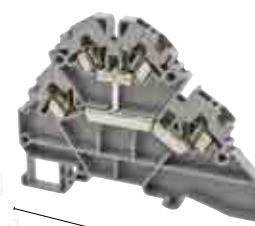
83,7

YBK 2,5 - 2 FK

Width: 5 mm

316 129

316 120



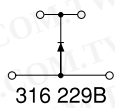
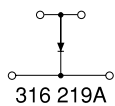
83,7



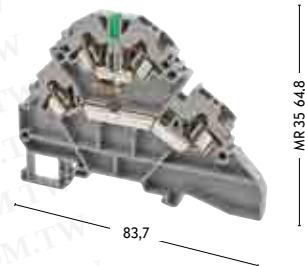
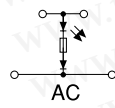
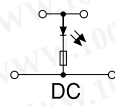
Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		500 V ~ / 24 A / 2,5 mm²			500 V ~ / 24 A / 2,5 mm²			
UL / CSA		600 V ~ / 20 A / AWG 22 - 12						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 4 mm² / 0,5 - 2,5 mm²			0,5 - 4 mm² / 0,5 - 2,5 mm²			
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm²			22 - 12 / 0,5 - 2,5 mm²			
Insulation Stripping Length / Torque		10 mm /			10 mm /			
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								
Diode								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,5 mm Polyamide 66		Grey	NPP YBK 2,5 - 2 F	446 299	10	NPP YBK 2,5 - 2 F	446 299	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	
		Note: Only lower decks can be cross-connected						
Technical Data								
• Max.clamping range / Max. technical data		0,2 - 4 mm² / 4 mm² - 32 A			0,2 - 4 mm² / 4 mm² - 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 197 for usage of screwdriver		See page 162-165 for usage of Dekafix			See page 162-165 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 ~ / 24 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 /		
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	316 319 (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 - 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 162-165 for usage of Dekafix

See page 162-165 for usage of Dekafix

Double - Deck Spring Clamp Terminals

YBK 4 - 2 F

Width: 6 mm

 318 109
 318 100


YBK 4 - 2 FK

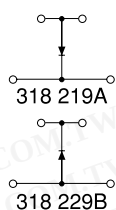
Width: 6 mm

 318 129
 318 120

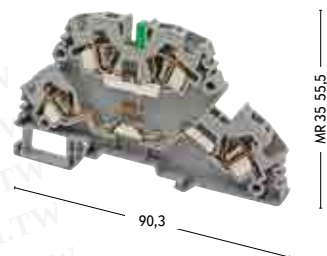
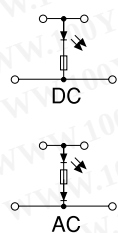

Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			
CE (EN 60947-7-1)		750 V ~ / 24 A / 4 mm²			750 V ~ / 32 A / 4 mm²			
UL / CSA		600 V ~ / 26 A / AWG 22 - 10						
Connection Data								
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm² / 0,5 - 4 mm²			0,5 - 6 mm² / 0,5 - 4 mm²			
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm²			22 - 10 / 0,5 - 4 mm²			
Insulation Stripping Length / Torque		12 mm /			12 mm /			
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								
Diode								
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Width 1,5 mm Polyamide 66		Grey	NPP YBK 4 - 2 F	446 269	25	NPP YBK 4 - 2 F	446 269	25
Push-in Cross Connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	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 mm² / 6 mm² - 41 A			0,2 - 6 mm² / 6 mm² - 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 197 for usage of screwdriver		See page 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix			

YBK 4 - 2 FD

Width: 6 mm

318 219 / 229
318 210 / 220

YBK 4 - 2 FLD

Width: 6 mm

318 ..9
318 ..0


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
750 V ~ / 32 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 /		
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	318 319 (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 - 41 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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

Klemsan®

Spring Clamp

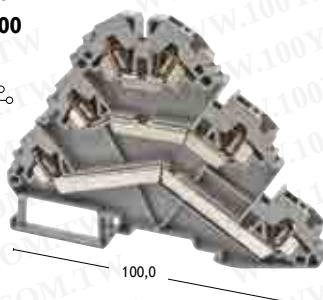
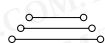
Multilevel Terminals

YBK 2,5 - 3 F

Width: 5 mm

324 509

324 500

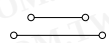


YBK 2,5 - 2 FT

Width: 5 mm

324 809

324 800

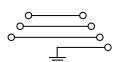


Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-2)		500 V ~ / 24 A / 2,5 mm ²			500 V ~ / 24 A / 2,5 mm ²		
UL / CSA		600 V ~ / 20 A / AWG 22 - 12			600 V ~ / 20 A / AWG 22 - 12		
Connection Data							
Solid Strand, Screw Con. - 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 /		
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 1,5 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 / PEN		
Marking Tags (Dekafix)							
		See page 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

• See page 197 for usage of screwdriver

YBK 2,5 - 3 FT

Width: 5 mm

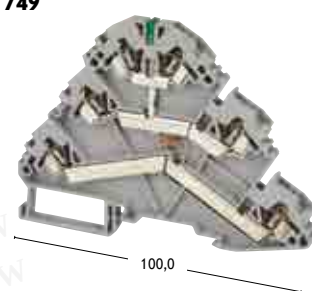
324 609
324 600

YBK 2,5 - 3 FLD (NPN)

Width: 5 mm

324 739
new

YBK 2,5 - 3 FLD (PNP)

Width: 5 mm

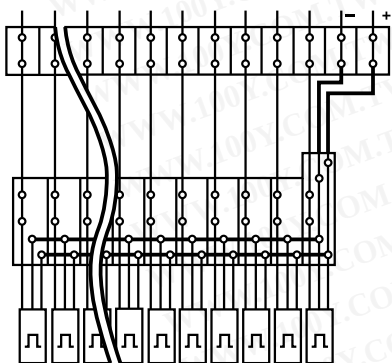
324 749
new


Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
500 V ~ / 24 A / 2,5 mm ²			~ V / 24 A / 2,5 mm ²			~ V / 24 A / 2,5 mm ²		
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			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 / NA			10 mm / NA		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
YBK 2,5 - 3 FT	324 609	30	YBK 2,5-3F LD (NPN)	324 739	20	YBK 2,5-3F LD (PNP)	324 749	20
			YBK 2,5-3F LD (NPN)	324 730	20	YBK 2,5-3F LD (PNP)	324 740	20
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
NPP YBK 2,5 - 3 FT	446 259	10	NPP YBK 2,5-3F	446 249	10	NPP YBK 2,5-3F	446 249	10
			NPP YBK 2,5-3F	446 240	10	NPP YBK 2,5-3F	446 240	10
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 2,5/3	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			0,5 - 4 mm ² / 4 mm ² - 32 A			0,5 - 4 mm ² / 4 mm ² - 32 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A3			1 / A3			1 / A3		
IP 20 / PEN			IP 20 / -			IP 20 / -		
See page 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix			See page 162-165 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. 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 $\varnothing 5 \times 20$ or $\varnothing 5 \times 25$ 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

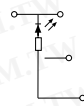


YBK 3 SLD (NPN)

Width: 5 mm

■ 324 719

■ 324 710



CE

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 /		
Ordering Data			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Polyamide 66	Grey	YBK 3 S		324 709	20	YBK 3 SLD (24 VDC)	324 719	20
End Plate			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 mm - Polyamide 66	Grey	NPP YBK 3 S		446 289	10	NPP YBK 3 S	446 289	10
Push-in Cross Connection			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
			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			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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

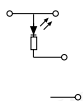
• See page 197 for usage of screwdriver

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 /		
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
Note: Only lower decks can be cross-connected		
0,2 - 4 mm ² / 4 mm ² - 32 A		
6 kV / 3		
1 / A3		
IP 20 / -		
See page 162-165 for usage of Dekafix		

Klemsan®

Spring Clamp

Fuse and Disconnect

Terminals

YBK S

Width: 8 mm

355 119

355 110



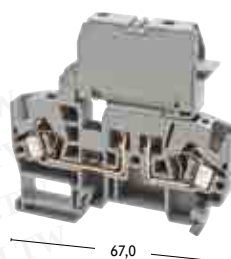
67,0

YBK SB

Width: 8 mm

363 109

363 100



67,0



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / 60947-7-3)		500 V ~ / 10 A / 4 mm²			500 V ~ / 10 A / 4 mm²		
UL / CSA		600 V ~ / 10 A / AWG 22 - 10					
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0,5 - 6 mm² / 0,5 - 4 mm²			0,5 - 6 mm² / 0,5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm²			22 - 10 / 0,5 - 4 mm²		
Insulation Stripping Length / Torque		12 mm /			12 mm /		
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						
	Grey						
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 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 mm² / 6 mm² - 10 A			0,2 - 6 mm² / 6 mm² - 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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

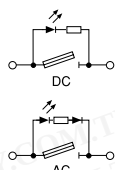
• See page 197 for usage of screwdriver

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 /		
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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

Klemsan®

Spring Clamp

Fuse and Disconnect

Terminals

YBK I

Width: 8 mm

355 129

355 120



67,0

YBK IB

Width: 8 mm

363 209

363 200



67,0



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			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 /		
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						
	Grey						
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,5 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							
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 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		

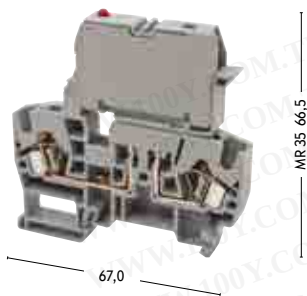
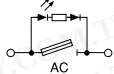
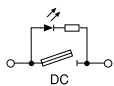
• See page 197 for usage of screwdriver

YBK ILD

Width: 8 mm

...9

...0



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 /		
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 162-165 for usage of Dekafix

YBK Series Multi input/output Terminals



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





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

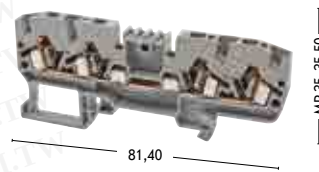
YBK 2,5 E

Width: 5 mm

 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 /		
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 1,5 mm - Polyamide 66	Grey	NPP YBK 2,5 E	446 219	10	NPP YBK 2,5 C	446 279	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 162-165 for usage of Dekafix			See page 162-165 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 /		
Type	Cat. No.	Qty.
YBK 2,5 Cx2	326 209	50
Type	Cat. No.	Qty.
NPP YBK 2,5 C	446 279	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		
8 kV / 3		
1 / A3		
IP 20 / -		
See page 162-165 for usage of Dekafix		

Two input - Two Output Spring Clamp Terminals

YBK 2,5 CD

Width: 5 mm

 326 219
 326 210

YBK 2,5 CLD

Width: 5 mm

 326 ..9
 326 ..0


81,40

MR 35,50



81,40

MR 35,50



Electrical Ratings		Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
CE (EN 60947-7-1 / EN 60947-7-2)		750 V ~ / 24 A / 2,5 mm ²			- 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 /		
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						
Elektriksel Bilgiler							
Diode Reverse Voltage		1000 V					
Diode Current		1 A					
Diode		1 N 40007					
End Plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Width 1,2 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 - 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 197 for usage of screwdriver		See page 162-165 for usage of Dekafix			See page 162-165 for usage of Dekafix		



See page 162-165 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.





Klemsan®

PCY Type Terminals for PCB Connection

PCY 2,5

Width: 5,05 mm

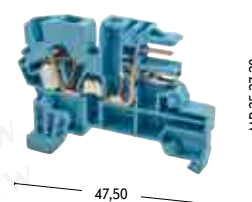
364 019

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 /		
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 1,5 mm - Polyamide 66	Grey	NPP PCY	450 199	100			
	Blue				NPP PCY	450 191	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
PCY Neutral Connection Bar					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 162-165 for usage of Dekafix			See page 162-165 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 mm²			750 V ~ / 25 A / 4 mm²		
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 mm² / 0,5 - 6 mm²			0,5 - 6 mm² / 0,5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0,5 - 4 mm²			26 - 10 / 0,5 - 4 mm²		
Insulation Stripping Length / Torque		10 mm / 0,5 Nm			10 mm / 0,5 Nm		
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 mm² / 6 mm² - 32 A			0,2 - 6 mm² / 6 mm² - 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 172 for usage of Dekafix			See page 172 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 Nm			10 mm / 0,5 Nm			10 mm / 0,5 Nm			12 mm / 1,2 Nm		
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 172 for usage of Dekafix			See page 172 for usage of Dekafix			See page 172 for usage of Dekafix			See page 172 for usage of Dekafix		



- 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



PSK 2



Electrical Ratings				Voltage / Current / Cross-Section			
TSE (EN 60998-2-1)				380 V ~ / 24 A / 2,5 mm ²			
(IEC 60998-1, IEC 60998-2-1)				660 V ~ / 41 A / 6 mm ²			
Insulation Stripping Length				5 mm			
Torque				0,5 Nm			
Ordering Data				Type			
Push-in Type				PSK 1/2 (w/2)	Cat. No.	Qty.	PSK 2/2 (w/2)
					420 020	100	421 020
				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

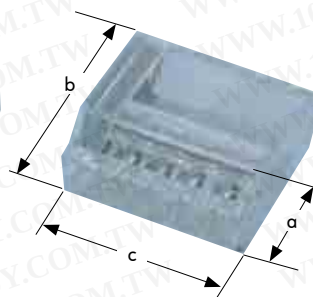
BUK 2,5/3



BUK 2,5/4



BUK 2,5/5



BUK 4/3



new



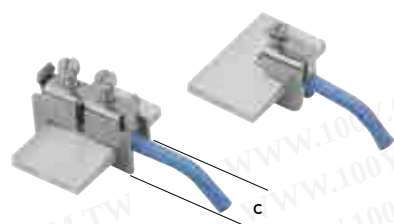
Electrical Ratings				Voltage / Current / Cross-Section			
IEC 60998-1, IEC 60998-2-1 (VDE)				450 V ~ / 24 A / 2,5 mm ²			
				450 V ~ / 24 A / 2,5 mm ²			
				450 V ~ / 24 A / 2,5 mm ²			
				450 V ~ / 32 A / 4 mm ²			
Connection Data				Type			
Solid Strand				1,0 - 2,5 mm ²			
Insulation Stripping Length				7 mm			
AWG Conductor				22 ... 12			
Dimensions				Type			
a				9,4			
b				19,4			
c				17,6			
				21,1			
				19,1			
Ordering Data				Type			
				BUK 2,5/3	Cat.No.	Qty.	BUK 2,5/4
					425 235	100	425 245
							100
				BUK 2,5/5	Cat.No.	Qty.	BUK 4/3
					425 255	100	425 350
							50



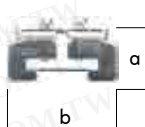
Electrical Ratings	Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section			Voltage / Current / Cross-Section		
IEC 60998-1, IEC 60998-2 (VDE)	450 V ~ / 32 A / 2,5 mm²			450 V ~ / 41 A / 4 mm²			450 V ~ / 57 A / 6 mm²			450 V ~ / 32 A / 2,5 mm²		
UL	300 V ~ / 20 A / AWG 22 - 10			300 V ~ / 30 A / AWG 22 - 10			300 V ~ / 50 A / AWG 14 - 8			300 V ~ / 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 mm²			0,75 - 6 mm²			1,5 - 6 mm²			4 - 16 mm²		
Fine Strand, Screw Connection	0,5 - 2,5 mm²			0,5 - 4 mm²			1,5 - 6 mm²			4 - 10 mm²		
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	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.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		

Klemsan®

Clamping Yokes and Accessories



BIK 1
400 110



BIK 2
400 120



BIK 3
400 130



BIK 4
400 140



BIK 5
400 150



Electrical Ratings											
Cross-Section	1,5 - 6 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	25,7		26,5		32,0		28,5		
	b	39,7	44,0		54,0		54,0		44,0		
	c	10,5	13,0		13,0		13,0		13,0		

BIK and SBK type terminals are produced suitable for various busbar sizes. It is possible to transfer energy practically without drilling the busbars. SBK type is more advantageous than BIK type in sense of cable connection ability by connecting terminal on busbar optionally.



SBK 16/5
401 173



SBK 16/10
401 174



SBK 35/5
401 180



SBK 35/10
401 181



SBK 50/5
401 501



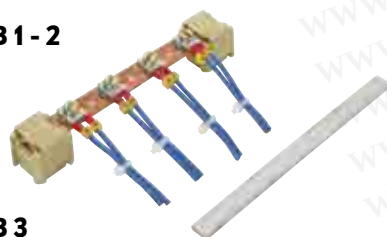
SBK 50/10
401 502



Electrical Ratings												
Cross-Section	1,5 - 16 mm²		1,5 - 16 mm²		16 - 35 mm²		16 - 35 mm²		25 - 50 mm²		25 - 50 mm²	
Busbars Used	 x 5 mm		 x 10 mm		 x 5 mm		 x 10 mm		 x 5 mm		 x 10 mm	
Torque	4 Nm		4 Nm		6 Nm		6 Nm		8 Nm		8 Nm	
Ordering Data	Cat. No.	Qty.	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		36 mm	
AWG Conductor	14 ... 6		14 ... 6		10 ... 2		10 ... 2		6 ... 10		6 ... 10	
Dimensions												
	a	25,0		29,3		31,0		36,0		41,0		46,0
	b	21,5		21,5		29,0		29,0		35,0		35,0
	c	11,7		11,7		16,3		16,3		17,5		17,0

Busbars

KUB 1 - 2



KUB 3

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

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

Klemsan®

Busbar Support Block

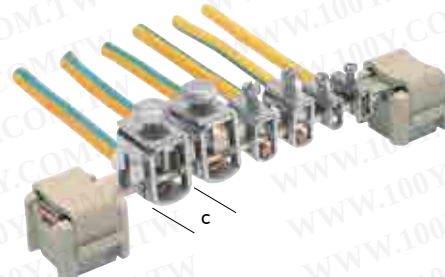


Type	Cat. No.	Dimensions	Material	Qty.
BM	528 110	15 x 2	PA 6,6	50
		15 x 3		
		12 x 2		
		10 x 3		
		6 x 6		

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.

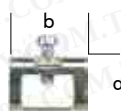


BK 4
525 361



BK 10
525 362

BK 35
525 363



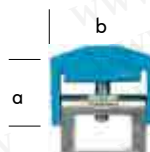
Electrical Ratings							
Cross-Section	4 mm ²			10 mm ²			35 mm ²
Insulation Stripping Length	16 mm			19 mm			19 mm
Fixing Screw	M 3			M 4			M 6
Busbar Dimensions	10 x 3			10 x 3			10 x 3
Torque	0,5 Nm			1,2 Nm			2,8 Nm
Ordering Data							
	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type
	BK 4	525 361	200	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 can be used with DB 5 marking tag.

IBK 4
525 371

IBK 10
525 372

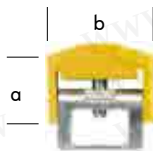
IBK 35
525 373



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
	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 can be used with DB 5 marking tag.

IBK 4
525 381



IBK 10
525 382



IBK 35
525 383



Electrical Ratings												
Cross-Sec.	4 mm²			10 mm²			35 mm²					
Insulation Stripping Length	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 mm²			1,5 ... 10 mm²			16 ... 50 mm²					
Fine Strand,	0,5 ... 4 mm²			2,5 ... 10 mm²			16 ... 35 mm²					
AWG Conductor	20 ... 10			14 ... 6			4 ... 1					
Dimensions												
				a	14,1		19,9		8,8			
				b	18,8		18,8		31,7			
				c	6,4		8,5		14,1			



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



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



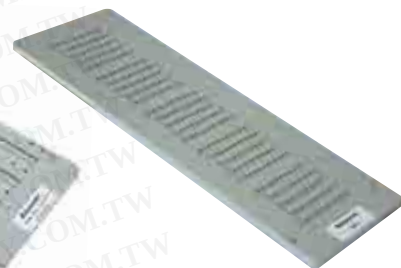
PLOT PL - KE



PLOT PL - DB



PLOT PL - A



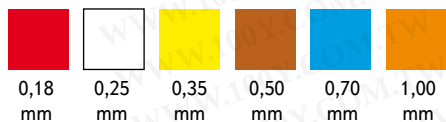
PLOT - PL DB 5

PLOTTER PENS

Plotter pens 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.

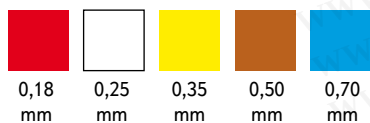


Cat. No.	Product	Width	Color	Qty.
807 040	PLO K-S 0,18 mm	0,18	Red	1
807 041	PLO K-S 0,25 mm	0,25	White	1
807 042	PLO K-S 0,35 mm	0,35	Yellow	1
807 043	PLO K-S 0,50 mm	0,50	Brown	1
807 044	PLO K-S 0,70 mm	0,70	Blue	1
807 045	PLO K-S 1,00 mm	1,00	Orange	1



➡ 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

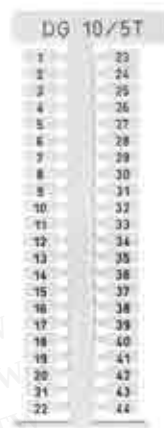
Starter Kit consists of S Type Plotter Pen, Ink Cartridge, 0,3 mm Permanent Plotter Pen, Cleaning Set.

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	✓	✓
MVK 2,5..T		
MVK 4..T		
AVK 2,5/4T		
AVK 4.. RD..GD..4 T RD..C..Y4	✓	✓
AVK 6..Y 6, PB 6..6T	✓	✓
CPB, CPB 6B		
AVK 10..6/10T..10 RD4..10 T RD4..Y 10	✓	✓
AVK 16..RD..T RD	✓	✓
AVK 35 RD..IRD..T RD	✓	✓
PEK 35 ..I	✓	✓
AVK 2,5 C..CF	✓	✓
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	✓	✓
AVSK 4 S..LD / AVK 4 FS	✓	✓
ASK 2B	✓	✓
ASK 3 A..MB..FB	✓	✓
ASK 4 B	✓	✓
WGO 1	✓	✓
WGO 2 N..IR	✓	✓
WGO 3, WGO Y, WGO PB 6	✓	✓
WGL 1	✓	✓



Category	Item	Value	Unit
Category 1	Item 1.1	100	kg
	Item 1.2	200	kg
	Item 1.3	300	kg
	Item 1.4	400	kg
	Item 1.5	500	kg
	Item 1.6	600	kg
	Item 1.7	700	kg
	Item 1.8	800	kg
	Item 1.9	900	kg
	Item 1.10	1000	kg
Category 2	Item 2.1	100	kg
	Item 2.2	200	kg
	Item 2.3	300	kg
	Item 2.4	400	kg
	Item 2.5	500	kg
	Item 2.6	600	kg
	Item 2.7	700	kg
	Item 2.8	800	kg
	Item 2.9	900	kg
	Item 2.10	1000	kg
Category 3	Item 3.1	100	kg
	Item 3.2	200	kg
	Item 3.3	300	kg
	Item 3.4	400	kg
	Item 3.5	500	kg
	Item 3.6	600	kg
	Item 3.7	700	kg
	Item 3.8	800	kg
	Item 3.9	900	kg
	Item 3.10	1000	kg
Category 4	Item 4.1	100	kg
	Item 4.2	200	kg
	Item 4.3	300	kg
	Item 4.4	400	kg
	Item 4.5	500	kg
	Item 4.6	600	kg
	Item 4.7	700	kg
	Item 4.8	800	kg
	Item 4.9	900	kg
	Item 4.10	1000	kg

Labeling with KLM Plotter for Screw 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 2,5/4T		
AVK 4.. RD..GD..4 T RD..C, AVK Y 4		
PIK 2,5 NT		
AVK 6		
PIK 4 NT		
AVK 10..6/10T..10 RD4..10 T RD4, AVK Y 10	✓	
AVK 16..RD..T RD / AVK 25 RD	✓	
YBK 2,5-3 FLD (NPN) - (PNP)		
AVK 35 RD..IRD..T RD	✓	
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	✓	
WGO 1		
WGO 2 N..IR	✓	
WGO 3		
WGL 1		

[illegible]

Labeling with KLM Plotter for Practical Spring Terminals

DB 4
DG 10/5

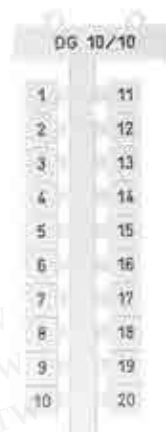

Recommended Marking Tag ✓
Compatible Marking Tag ✓

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	✓	
PYK 2,5..T..A..CCA..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		✓

[illegible]

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		
PYK 2,5..T..A..CCA..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		

[illegible]

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	
1	19
2	20
3	21
4	22
5	23
6	24
7	25
8	26
9	27
10	28
11	29
12	30
13	31
14	32
15	33
16	34
17	35
18	36

DG 10/6 T

DG 10/6 T	
1	19
2	20
3	21
4	22
5	23
6	24
7	25
8	26
9	27
10	28
11	29
12	30
13	31
14	32
15	33
16	34
17	35
18	36

DG 6/5

DG 6/5	
A	U
B	V
C	W
D	X
E	Y
F	Z
G	A
H	B
I	C
J	D
K	E
L	F
M	G
N	H
O	I
P	J
Q	K
R	L
S	M
T	N

DG 10/8

DG 10/8	
1	14
2	15
3	16
4	17
5	18
6	19
7	20
8	21
9	22
10	23
11	24
12	25
13	26

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

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

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		✓

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

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		
Transparent Sleeves - 35 / 50 mm ²		
506 730 - 205 / 10	✓	
506 732 - 205 / 23		✓
506 733 - 205 / 30		
Transparent Sleeves - 70 / 95 mm ²		
506 735 - 206 / 10	✓	
506 736 - 206 / 15		✓
506 737 - 206 / 23		
506 738 - 206 / 30		
Transparent Sleeves - 120 / 150 mm ²		
506 740 - 207 / 10	✓	
506 741 - 207 / 15		✓
506 742 - 207 / 23		
506 743 - 207 / 30		
Transparent Sleeves - 185 / 200 mm ²		
506 745 - 208 / 10	✓	
506 746 - 208 / 15		✓
506 747 - 208 / 23		
506 748 - 208 / 30		
Transparent Sleeves - 300 / 400 mm ²		
506 751 - 209 / 15		✓
506 752 - 209 / 23		
506 753 - 209 / 30		



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		
Transparent Sleeves - 35 / 50 mm ²		
506 730 - 205 / 10		
506 732 - 205 / 23		✓
506 733 - 205 / 30		
Transparent Sleeves - 70 / 95 mm ²		
506 735 - 206 / 10		
506 736 - 206 / 15		
506 737 - 206 / 23		✓
506 738 - 206 / 30		
Transparent Sleeves - 120 / 150 mm ²		
506 740 - 207 / 10		
506 741 - 207 / 15		
506 742 - 207 / 23		✓
506 743 - 207 / 30		
Transparent Sleeves - 185 / 200 mm ²		
506 745 - 208 / 10		
506 746 - 208 / 15		
506 747 - 208 / 23		✓
506 748 - 208 / 30		
Transparent Sleeves - 300 / 400 mm ²		
506 751 - 209 / 15		
506 752 - 209 / 23		✓
506 753 - 209 / 30		



Marking Plates



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	✓	
Transparent Sleeves - 35 / 50 mm ²		
506 730 - 205 / 10		
506 732 - 205 / 23		
506 733 - 205 / 30	✓	
Transparent Sleeves - 70 / 95 mm ²		
506 735 - 206 / 10		
506 736 - 206 / 15		
506 737 - 206 / 23		
506 738 - 206 / 30	✓	
Transparent Sleeves - 120 / 150 mm ²		
506 740 - 207 / 10		
506 741 - 207 / 15		
506 742 - 207 / 23		
506 743 - 207 / 30	✓	
Transparent Sleeves - 185 / 200 mm ²		
506 745 - 208 / 10		
506 746 - 208 / 15		
506 747 - 208 / 23		
506 748 - 208 / 30	✓	
Transparent Sleeves - 300 / 400 mm ²		
506 751 - 209 / 15		
506 752 - 209 / 23		
506 753 - 209 / 30	✓	



Labeling with KLM Plotter for Contactors



KOIP SM W

KOIP TT W

General Features		
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 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

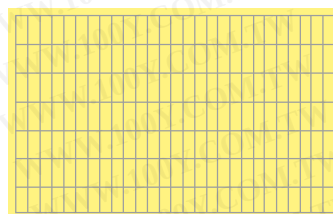


Y-KOIP 209 W 508 060 - White

Y-OIP 1710 W 508 065 - White

General Features		
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	Adhesive Tag for Siemens Automats	Adhesive Tag for All Automats

Paper / Plastic Tags Labeling with KLM Plotter



Cat. No.	Product	Dimensions (mm)	Plotter Plate	Description	Qty.
508 518	SIT FP 0915 Y	9 x 15	PLOT PL-E	Adhesive Paper Labels Yellow	2.420
508 519	SIT FP 1020 Y	10 x 20	PLOT PL-E	Adhesive Paper Labels Yellow	1.680
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

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
Quantity	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
Quantity	25	25	25
Description			

Cable Clamp Rail

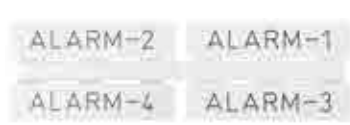


KR 1

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

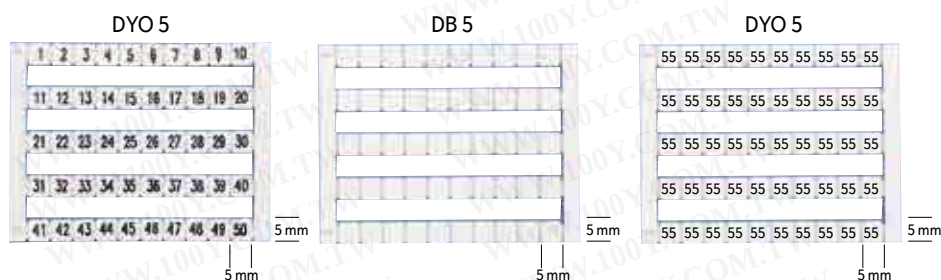
	Y-BEK S	BEK S				
Cat. No.	508 700	508 704				
Dimensions (mm)	30 x 17	30 x 17				
Qty.	100	100				
Description	Adhesive	Non-Adhesive				


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

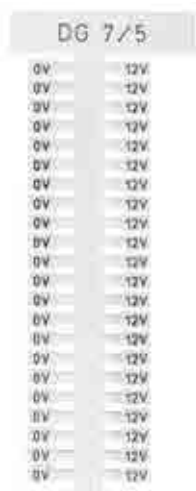
Klemsan®

Marking Tags with Standard Print



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
Pack. Qty.	440
Plotter Plate	PLOT PL - A



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

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Standart KEB Marking Tags



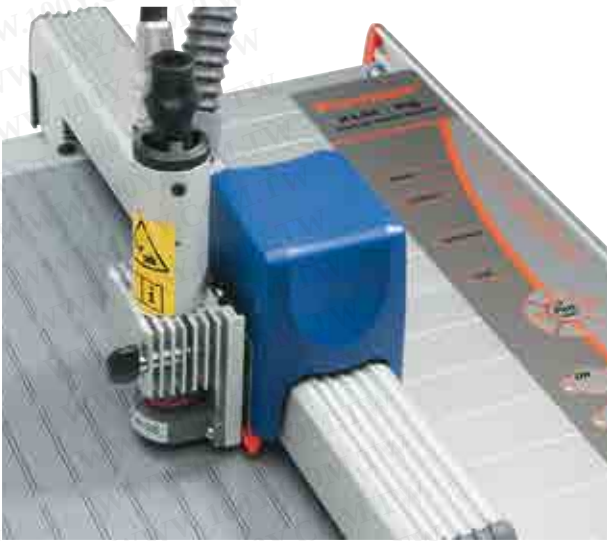
KEB COLOR CODES

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					Numbers					
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

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

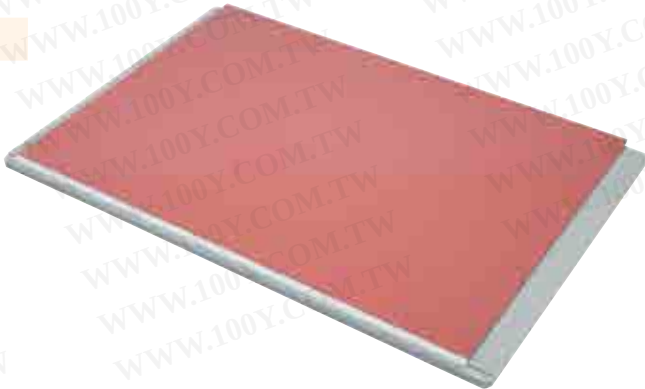


Engraving Spindle

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. 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



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





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

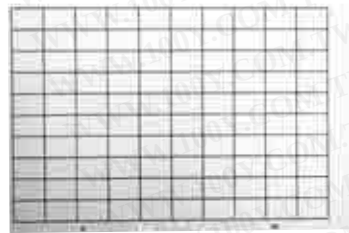
Cat. No.	Product	Description	Qty.
808 014	KLM - 22 x 22 S/B RND SA	Silver / Black Self Adhesive Round Corner Tag	84
808 015	KLM - 22 x 22 G/B RND SA	Grey / Black Self Adhesive Round Corner Tag	84
808 016	KLM - 22 x 22 W/B RND SA	White / Black Self Adhesive Round Corner Tag	84

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



KLM - 70 x 35 S/B RND SA



KLM - 27 x 18 S/B SA



KLM - 30 x 15 S/B 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

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

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 - 70 x 35 S/B RND SA

KLM-PS Precut Double Layer Plastic Engraver Tags

70 x 35 mm

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

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 - 120 x 35 S/B RND SA

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



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

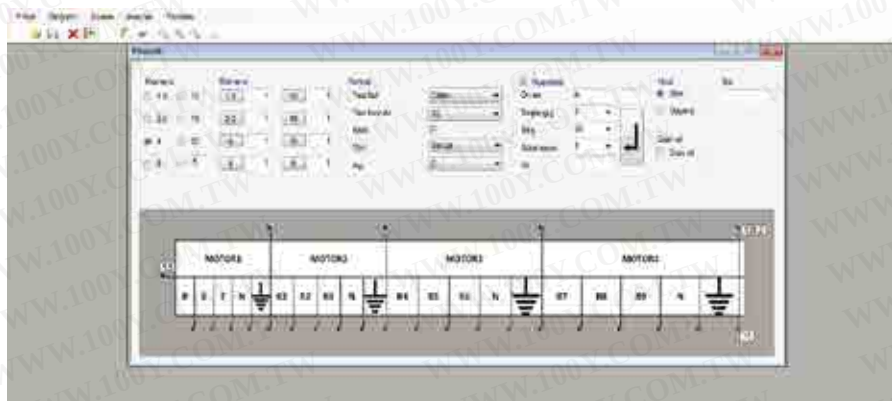
40 x 15 mm

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 while buying Klemark Printer.

Cat.No.	Product	Width (mm)	Length (mm)	Qty.
Marking Strip for Terminals				



1020 100	Marking Strip (PYK Terminals)	11.2	15	1
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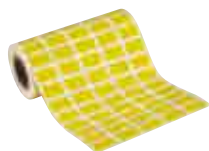
Marking Strip for Cables				
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808 407	Marking Strip for Cables (White)	15	4	7.500
808 408	Marking Strip for Cables (White)	30	4	4.000

* See page 168 for Transparent Sleeves

Marking Strip for Contactors and Automats				
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808 403	Adhesive Marking Strip (Yellow)	17	10	2.500
808 404	Adhesive Marking Strip (Yellow)	15	6	2.500
808 405	Adhesive Marking Strip (Yellow)	12	9	2.500
808 406	Adhesive Marking Strip (Yellow)	15	9	2.500

Marking Strip for Push Buttons				
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808 400	Marking Strip for Push Buttons (Silver)	27	18	2.500
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Marking Strip for Panel Surfaces				
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808 401	Panel Surface (Silver)	70	30	250
808 402	Panel Surface (Silver)	90	40	250



Cat. No.	Terminals
307 009	PYK 1,5
307 109	PYK 2,5
307 119	PYK 4
307 129	PYK 6
307 139	PYK 10
336 490	PYK 1,5 T
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
307 279	PYK 4 - 2 F
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
307 439	PYK 2,5 E
336 550	PYK 2,5 ET
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

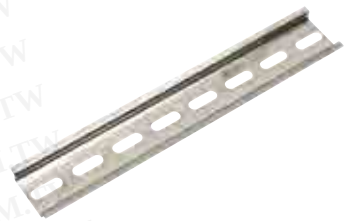


Cat. No.	Product	Description	Kullanıldığı Klemensler	Amb. Qty.
498 210	ETS 2 PYK 2,5	Group Marking Carrier (two levels) Beige	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	50
498 219	ETS 2 PYK 2,5	Group Marking Carrier (two levels) Grey	PYK 2,5 - 2 F / 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 - 2 F	25
498 239	ETS 2 PYK 4	Group Marking Carrier (two levels) Grey	PYK 4 - 2 F	25
498 237	ETS 2 PYK 4	Group Marking Carrier (two levels) Orange	PYK 4 - 2 F	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
Pack. Qty.	10	100	100

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

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

MR 35 x 15
MR 35 x 15
MR 15 x 5,5
MR 15 x 5,5

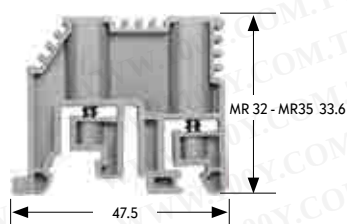

500 606	500 607	500 610	500 611
1	1	1	1
Non-Slotted	Slotted	Non-Slotted	Slotted
10	10	50	50
500 608	500 609	500 612	500 613
2	2	2	2
Non-Slotted	Slotted	Non-Slotted	Slotted
10	10	10	10

DIN Rail Support

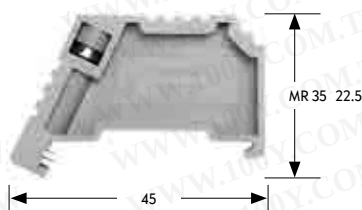
RT


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

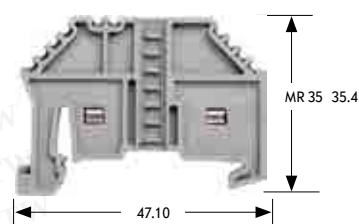
WGD 1



KD 3

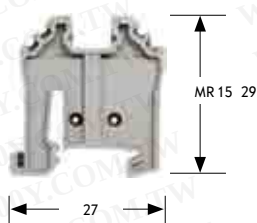


KD 4

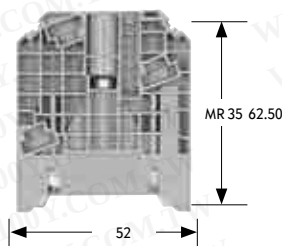


Cat. No.	495 039 - Grey 495 030 - Beige	495 049 - Grey 495 040 - Beige	495 059 - Grey 495 050 - Beige
	Screw-type end bracket mounted on MR32 and MR 35 types of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail.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

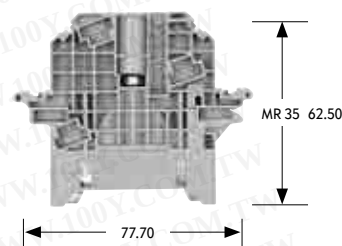
KD 5



KD 6



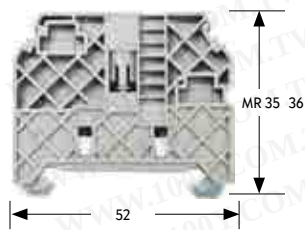
KD 6 A



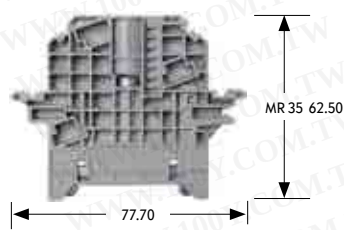
Cat. No.	495 069 - Grey 495 060 - Beige	495 099 - Grey 495 090 - Beige	495 109 - Grey 495 100 - Beige
	Without screw end bracket mounted on MR 15 type of DIN-rail. Can be used together with Mini Screw Connection and Mini Spring Clamp feed-through terminals.	Screw-type end bracket mounted on MR 35 type 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)	508 519 SIT FP 1020Y (10 x 20 mm)	508 519 SIT FP 1020Y (10 x 20 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.

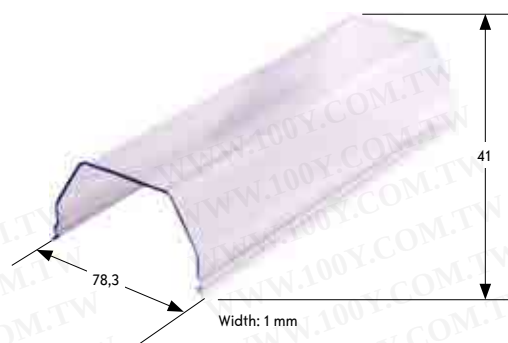


Group Markers

Cat. No.	Product	Description	Color	Qty.
496 110	GE	Group Marker MR 32/MR 35	Beige	50
496 119	GE	Group Marker MR 32/MR 35	Grey	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.
RA 10	Grey	498 459	50
	Beige	498 450	50

Partition Plate



Type	Color	Description	Cat. No.	Qty.
APP	Grey	AVK 2,5-10/AVK RD	462 120	25
APP	Grey	AVK 16	462 160	25
APP	Grey	AVK 16 RD	462 170	25
APP	Grey	AVK 35 RD	462 180	10
APP	Grey	PYK 1,5 - 2,5 - 4	463 180	25
APP	Grey	PYK 6	463 190	25
APP	Grey	PYK 10	463 200	25

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

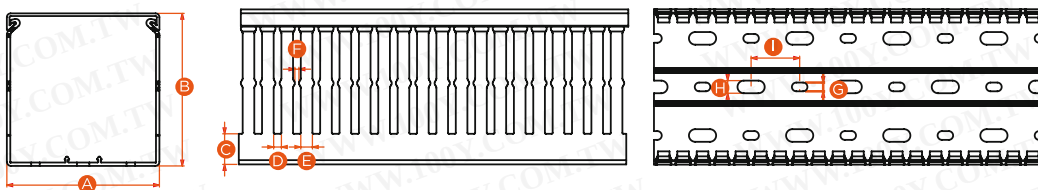


DIN Rail Socket UPS	DIN Rail Socket LED + UPS	DIN Rail Socket Children Protection + Earth
670 300	670 400	670 500
1	1	1
41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70
250 V / 16 A / 6 mm ²	250 V / 16 A / 6 mm ²	250 V / 16 A / 6 mm ²
0.5 - 10	0.5 - 10	0.5 - 10
0.5 - 6	0.5 - 6	0.5 -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

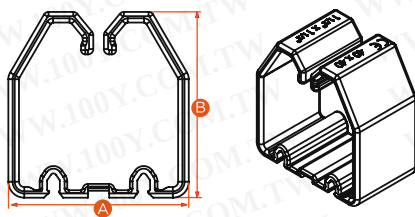
Technical Specifications



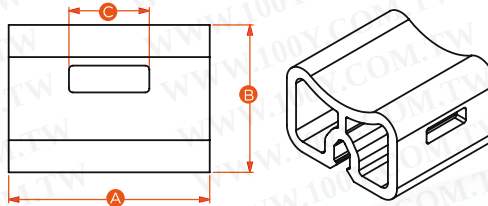
Wiring Ducts



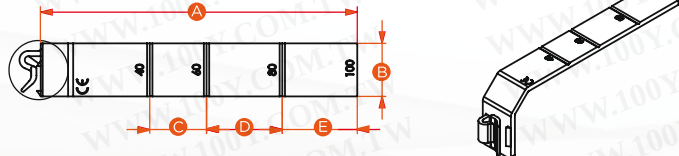
Wire Retainer



Cable Clamp



Cable Holder



**Klemsan
Trunkie**

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.

Slotted Wiring Ducts



Cat. No.	Product	Description	Amb. Qty.
551 010	KKC 2530	25 x 30 Slotted Wiring Duct	50 x 2 m
551 011	KKC 2540	25 x 40 Slotted Wiring Duct	50 x 2 m
551 012	KKC 2560	25 x 60 Slotted Wiring Duct	30 x 2 m
551 013	KKC 4040	40 x 40 Slotted Wiring Duct	26 x 2 m
551 014	KKC 4060	40 x 60 Slotted Wiring Duct	18 x 2 m
551 015	KKC 4080	40 x 80 Slotted Wiring Duct	20 x 2 m
551 016	KKC 6040	60 x 40 Slotted Wiring Duct	18 x 2 m
551 017	KKC 6060	60 x 60 Slotted Wiring Duct	12 x 2 m
551 018	KKC 6080	60 x 80 Slotted Wiring Duct	12 x 2 m
551 019	KKC 8060	80 x 60 Slotted Wiring Duct	14 x 2 m
551 020	KKC 8080	80 x 80 Slotted Wiring Duct	12 x 2 m
551 021	KKC 1006	100 x 60 Slotted Wiring Duct	10 x 2 m
551 022	KKC 1008	100 x 80 Slotted Wiring Duct	8 x 2 m
551 023	KKC 1206	120 x 60 Slotted Wiring Duct	8 x 2 m
551 024	KKC 1208	120 x 80 Slotted Wiring Duct	6 x 2 m

Wiring Duct Cover



Cat. No.	Product	Description	Amb. Qty.
551 050	KKK 25	25 mm Wiring Duct Cover	10 x 2 m
551 051	KKK 40	40 mm Wiring Duct Cover	10 x 2 m
551 052	KKK 60	60 mm Wiring Duct Cover	10 x 2 m
551 053	KKK 80	80 mm Wiring Duct Cover	10 x 2 m
551 054	KKK 100	100 mm Wiring Duct Cover	10 x 2 m
551 055	KKK 120	120 mm Wiring Duct Cover	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
new 553 230	KKMR	Wiring Duct Cutter	1



KKMR

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 4C; 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
490 040	TSK 4 (Q2.3)	AVK 4; AVK 6; AVK 10; AVK 4 C
490 070	TSK 7 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
492 010	ITK 28 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
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 IRD
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 Label



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; AVK 4 C
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; AVK 4 C
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. Tensile 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.

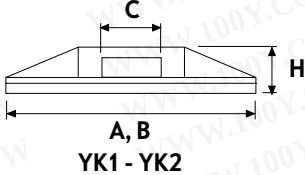
To apply with the cable ties :

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

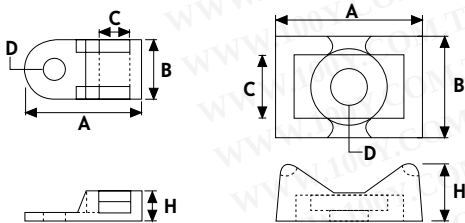


Material : UL Approved Polyamide 66, UL 94V-2.

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

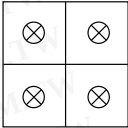
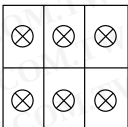
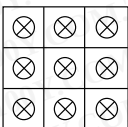
Klemsan®

Signal Modules with LED

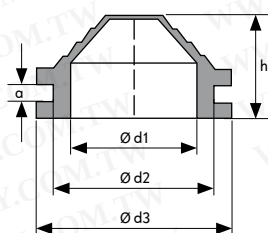
LSK 2



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



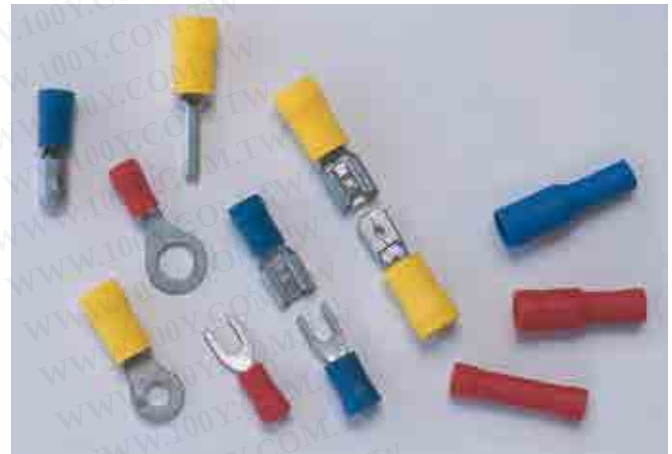
Type	Cat. No.	Dimensions (mm)				Qty.
RR 11	630 110	10	16	22	13	100
RR 13,5	630 135	14	21	27	17,5	100
RR 16	630 160	17	23,5	29,5	17,5	100
RR 21	630 210	23	29	35	18,5	100
RR 29	630 290	29,5	38	44	21,5	100
RR 36	630 360	39,5	49	55	24,5	50
RR 42	630 420	49,5	59	66	30	50

Klemsan®

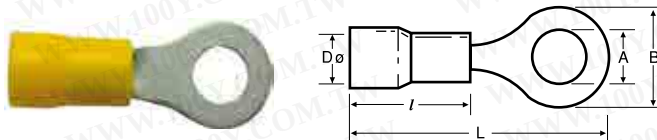
Insulated Terminals



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	I	Qty.
590 010	KYK - 301	0,5 - 1,5	3,2	5,5	4,1	16,7	10	150
590 011	KYK - 351	0,5 - 1,5	3,7	5,5	4,1	19,6	10	150
590 012	KYK - 401	0,5 - 1,5	4,3	6,6	4,1	19,6	10	150
590 013	KYK - 501	0,5 - 1,5	5,3	8	4,1	21	10	125
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	125
590 021	KYK - 402	1,5 - 2,5	4,3	8,5	4,5	22	10	125
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	75
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	75
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	I	Qty.
591 010	KCK - 301	0,5 - 1,5	3,2	5,8	4,1	21	10	150
591 011	KCK - 351	0,5 - 1,5	3,7	6,4	4,1	20,6	10	150
591 012	KCK - 401	0,5 - 1,5	3,7	7,2	4,1	20,6	10	150
591 013	KCK - 501	0,5 - 1,5	5,3	8	4,1	21	10	125
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	75
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	I	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.

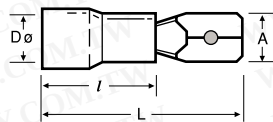
Insulated Terminals / Female Disconnect



Cat. No.	Type	Cross-Section (mm ²)	A	Dø	L	I	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.

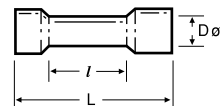
Insulated Terminals / Male Disconnect



Cat. No.	Type	Cross-Section (mm²)	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.

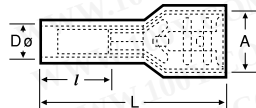
Insulated Terminals / Butt Connectors



Cat. No.	Type	Cross-Section (mm²)	DØ	L	l	Qty.
597 010	KME - 251	0,5 - 1,5	4,1	26	15,0	150
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.

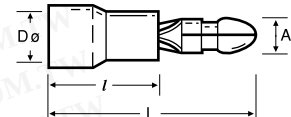
Fully Insulated Terminals / Female Disconnect



Cat. No.	Type	Cross-Section (mm²)	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.

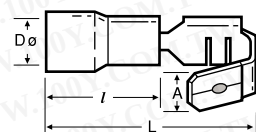
Insulated Terminals / Male Bullet



Cat. No.	Type	Cross-Section (mm²)	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	75
598 030	KMT - 5050	4,0 - 6,0	5	5,5	23,3	12,5	75

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

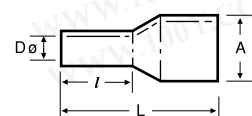
Insulated Terminals / Piggy Back



Cat. No.	Type	Cross-Section (mm²)	A	D Ø	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.

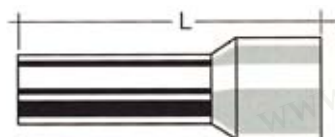
Insulated Terminals / Female Bullet



Cat. No.	Type	Cross-Section (mm²)	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

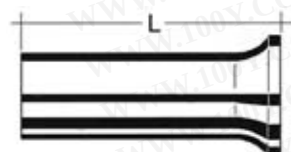


Insulated type of end sleeves are made of E-Cu with tin-plating.
(DIN 46228/4) The material of the insulation parts polyamide 6.6.

Type	Cat. No.	Cross-Section (mm²)	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 (mm²)	L (mm)	AWG	Qty.
KY 0,50/10	571 010	0,50	10	20	1000
KY 0,75/10	571 020	0,75	10	18	1000
KY 1,0/10	571 030	1,0	10	17	1000
KY 1,5/10	571 040	1,5	10	16	1000
KY 2,5/12	571 050	2,5	12	14	1000
KY 4,0/12	571 060	4,0	12	12	500
KY 6,0/12	571 070	6,0	12	10	250
KY 10,0/12	571 080	10,0	12	8	250
KY 16,0/12	571 090	16,0	12	6	100



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 (mm²)	Color	Qty.
IKY - 2 x 0,5/8	572 010	2 x 0,5	Orange	500
IKY - 2 x 0,75/8	572 020	2 x 0,75	White	500
IKY - 2 x 1/8	572 030	2 x 1,0	Yellow	500
IKY - 2 x 1,5/8	572 040	2 x 1,5	Red	250
IKY - 2 x 2,5/10	572 050	2 x 2,5	Blue	200
IKY - 2 x 4/12	572 060	2 x 4,0	Grey	100
IKY - 2 x 6/14	572 070	2 x 6,0	Black	75
IKY - 2 x 10/14	572 080	2 x 10	Ivory	50
IKY - 2 x 16/14	572 090	2 x 16	Green	20

Terminals - Screwdriver Match Table

Type	Screwdriver	Type	Screwdriver
ASK 2S	ITK 3 (0,6 x 3,5) 561 030	PYK 2,5	ITK 2 (0,5 x 3) 561 020
ASK 3A	ITK 3 (0,6 x 3,5) 561 030	PYK 2,5-2F	ITK 2 (0,5 x 3) 561 020
ASK 3F	ITK 3 (0,6 x 3,5) 561 030	PYK 2,5-2FT	ITK 2 (0,5 x 3) 561 020
ASK 3M	ITK 3 (0,6 x 3,5) 561 030	PYK 2,5-3F	ITK 2 (0,5 x 3) 561 020
ASK 4S	ITK 3 (0,6 x 3,5) 561 030	PYK 2,5-3FT	ITK 2 (0,5 x 3) 561 020
AVK / EK6	ITK 4 (0,8 x 4) 561 040	PYK 2,5T	ITK 2 (0,5 x 3) 561 020
AVK 10	ITK 4 (0,8 x 4) 561 040	PYK 4	ITK 3 (0,6 x 3,5) 561 030
AVK Y10	ITK 4 (0,8 x 4) 561 040	PYK 4-2F	ITK 3 (0,6 x 3,5) 561 030
AVK 16	ITK 5 (1 x 5,5) 561 050	PYK 4E	ITK 3 (0,6 x 3,5) 561 030
AVK 16 RD	ITK 5 (1 x 5,5) 561 050	PYK 4I (6,35x31,75)	ITK 3 (0,6 x 3,5) 561 030
AVK 16/35T	ITK 5 (1 x 5,5) 561 050	PYK 4S (5x20)	ITK 3 (0,6 x 3,5) 561 030
AVK 16T RD	ITK 5 (1 x 5,5) 561 050	PYK 4S (5x25)	ITK 3 (0,6 x 3,5) 561 030
AVK 2,5	ITK 3 (0,6 x 3,5) 561 030	PYK 4T	ITK 3 (0,6 x 3,5) 561 030
AVK 2,5 RD	ITK 3 (0,6 x 3,5) 561 030	PYK 6	ITK 4 (0,8 x 4) 561 040
AVK 2,5/4T	ITK 3 (0,6 x 3,5) 561 030	PYK 6T	ITK 4 (0,8 x 4) 561 040
AVK 2,5CC	ITK 3 (0,6 x 3,5) 561 030	PYKMR 2,5	ITK 2 (0,5 x 3) 561 020
AVK 2,5CCT	ITK 3 (0,6 x 3,5) 561 030	TRV 10	ITK 5 (1 x 5,5) 561 050
AVK 2,5T RD	ITK 3 (0,6 x 3,5) 561 030	TRV 4	ITK 3 (0,6 x 3,5) 561 030
AVK 35	ITK 5 (1 x 5,5) 561 050	TRV 4B	ITK 3 (0,6 x 3,5) 561 030
AVK 35 I RD	ITK 5 (1 x 5,5) 561 050	TRV 4M	ITK 3 (0,6 x 3,5) 561 030
AVK 35 RD	ITK 5 (1 x 5,5) 561 050	TRV 4S	ITK 3 (0,6 x 3,5) 561 030
AVK 35T RD	ITK 5 (1 x 5,5) 561 050	TRV 4T	ITK 3 (0,6 x 3,5) 561 030
AVK 4	ITK 3 (0,6 x 3,5) 561 030	TSK 10	ITK 4 (0,8 x 4) 561 040
AVK 4 RD	ITK 3 (0,6 x 3,5) 561 030	WGD 1	ITK 5 (1 x 5,5) 561 050
AVK 4 C	ITK 3 (0,6 x 3,5) 561 030	WGL 1	ITK 4 (0,8 x 4) 561 040
AVK 4 FS	ITK 2 (0,5 x 3) 561 020	WGO 1	ITK 4 (0,8 x 4) 561 040
AVK 4 TRD	ITK 3 (0,6 x 3,5) 561 030	WGO 2	ITK 4 (0,8 x 4) 561 040
AVK Y4	ITK 3 (0,6 x 3,5) 561 030	WGO 3	ITK 4 (0,8 x 4) 561 040
AVK 6	ITK 4 (0,8 x 4) 561 040	WGO PB 6	KT5 (5,5 x 15) 560 050
AVK 6/10T	ITK 4 (0,8 x 4) 561 040	WGO Y 6	KT 4 (4 x 12,5) 560 040
AVK Y6	ITK 4 (0,8 x 4) 561 040	WGO YD 6	KT 4 (4 x 12,5) 560 040
KD 3	ITK 4 (0,8 x 4) 561 040	WGT 10	ITK 4 (0,8 x 4) 561 040
KD 6	ITK 5 (1 x 5,5) 561 050	WGT 2,5	ITK 2 (0,5 x 3) 561 020
KD 6A	ITK 5 (1 x 5,5) 561 050	WGT 4	ITK 3 (0,6 x 3,5) 561 030
KD 6T	ITK 5 (1 x 5,5) 561 050	WGT 6	ITK 4 (0,8 x 4) 561 040
MVK 2,5	ITK 2 (0,5 x 3) 561 020	YBK 10	ITK 4 (0,8 x 4) 561 040
MVK 2,5T	ITK 2 (0,5 x 3) 561 020	YBK 10T	ITK 4 (0,8 x 4) 561 040
MVK 4	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5	ITK 3 (0,6 x 3,5) 561 030
MVK 4T	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5 A	ITK 3 (0,6 x 3,5) 561 030
MYK 2,5	ITK 2 (0,5 x 3) 561 020	YBK 2,5 Cx2	ITK 3 (0,6 x 3,5) 561 030
MYK 2,5T	ITK 2 (0,5 x 3) 561 020	YBK 2,5 ET	ITK 3 (0,6 x 3,5) 561 030
MYPK 2,5	ITK 2 (0,5 x 3) 561 020	YBK 2,5-2F	ITK 3 (0,6 x 3,5) 561 030
MYSK 2,5	ITK 2 (0,5 x 3) 561 020	YBK 2,5-2FT	ITK 3 (0,6 x 3,5) 561 030
PCY 2,5	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5-3F	ITK 3 (0,6 x 3,5) 561 030
PCY 2,5E	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5-3FT	ITK 3 (0,6 x 3,5) 561 030
PIK 2,5N	ITK 2 (0,5 x 3) 561 020	YBK 2,5-3FLD (NPN)	KT 3 (3,5 x 0,6) 560 030
PIK 2,5 NT	ITK 2 (0,5 x 3) 561 020	YBK 2,5-3FLD (PNP)	KT 3 (3,5 x 0,6) 560 030
PIK 4N	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5-3S	ITK 3 (0,6 x 3,5) 561 030
PIK 4 NT	ITK 3 (0,6 x 3,5) 561 030	YBK 2,5C	ITK 3 (0,6 x 3,5) 561 030
PUK 2T	ITK 2 (0,5 x 3) 561 020	YBK 2,5CT	ITK 3 (0,6 x 3,5) 561 030
PUK 3	ITK 2 (0,5 x 3) 561 020	YBK 2,5E	ITK 3 (0,6 x 3,5) 561 030
PUK 3S	ITK 2 (0,5 x 3) 561 020	YBK 2,5T	ITK 3 (0,6 x 3,5) 561 030
PUK 3S	ITK 2 (0,5 x 3) 561 020	YBK 4	KT 3 (3,5 x 0,6) 560 030
PUK 3T	ITK 2 (0,5 x 3) 561 020	YBK 4-2F	KT 3 (3,5 x 0,6) 560 030
PB 6	ITK 4 (0,8 x 4) 561 040	YBK 4T	KT 3 (3,5 x 0,6) 560 030
PB 6T	KT5 (5,5 x 15) 560 050	YBK 6	ITK 4 (0,8 x 4) 561 040
CPB 6	ITK 4 (0,8 x 4) 561 040	YBK 6T	ITK 4 (0,8 x 4) 561 040
CPB 6 B	ITK 5 (1 x 5,5) 561 050	YBK I	ITK 4 (0,8 x 4) 561 040
PYK 10	ITK 4 (0,8 x 4) 561 040	YBK S	ITK 4 (0,8 x 4) 561 040
PYK 10T	ITK 4 (0,8 x 4) 561 040	PUK 3T	ITK 2 (0,5 x 3) 561 020

CE Sign

The letters CE stand for Conformance 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

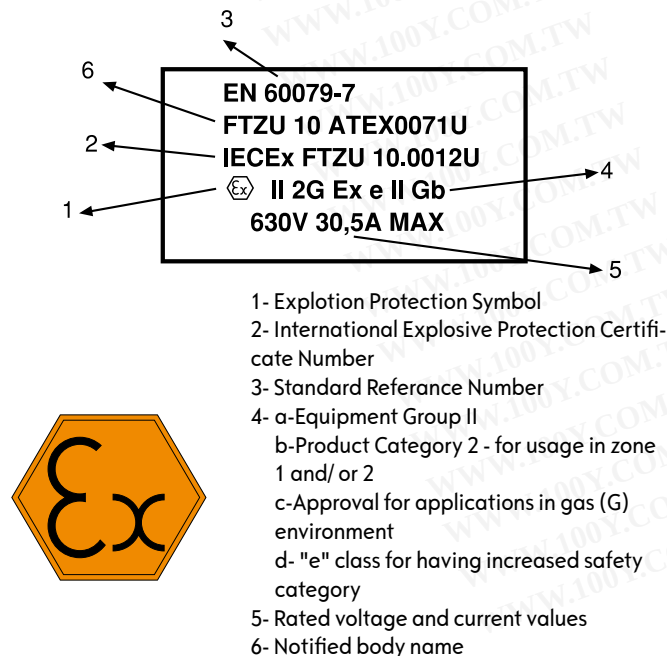
ppm: parts per million (in total weight)

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:



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.

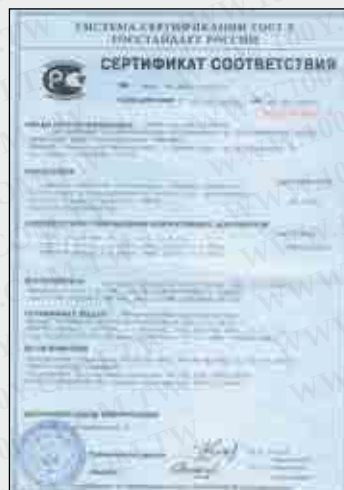
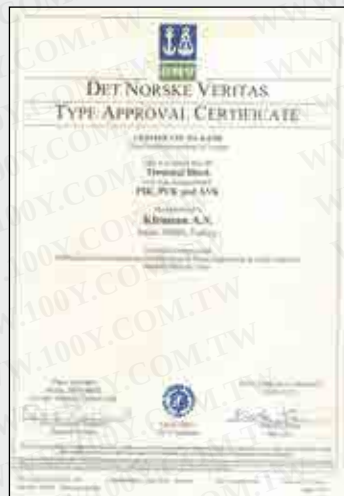
Klemsan®

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



Cat. No.	Type	Page
1020 000	Klemark Thermal Printer	180
1020 010	Ribbon for Klemark Printer	180
1020 100	Marking Strip for Klemark Printer	180
110 010	WG-EKI Reverse Current Protection	78
110 020	WG-EKI Reverse Current Protection	78
110 030	WG-EKI Block of Extra Current Generated by Coils	78
110 040	WG-EKI Block of Extra Current Generated by Coils	78
110 050	WG-EKI Lamp/Test Circuit	78
110 060	WG-EKI Lamp/Test Circuit	78
110 070	WG-EKI Reverse Current Protection	78
110 080	WG-EKI Reverse Current Protection	78
110 090	WG-EKI Lamp/Test Circuit	78
110 100	WG-EKI Lamp/Test Circuit	78
110 110	WG-EKI Lamp/Test Circuit	78
110 120	WG-EKI 24 V	78
110 130	WG-EKI 24 V	78
110 140	WG-EKI 24 VDC	78
110 150	WG-EKI 110 VDC	78
110 160	WG-EKI 220 VDC	78
110 170	WG-EKI 24 VDC	78
110 180	WG-EKI 110 VDC	78
110 190	WG-EKI 220 VDC	78
110 200	WG-EKI 24 VDC	78
110 210	WG-EKI 24 VDC	78
110 220	WG-EKI 30 V	78
110 230	WG-EKI 60 V	78
110 240	WG-EKI 75 V	78
110 250	WG-EKI 130 V	78
110 260	WG-EKI 275 V	78
110 270	WG-EKI 24 VAC	78
110 280	WG-EKI 48 VAC	78
110 290	WG-EKI 110 VAC	78
110 300	WG-EKI 220 VAC	78
110 310	WG-EKI 24 VAC	78
110 320	WG-EKI 110 VAC	78
110 330	WG-EKI 220 VAC	78
110 340	WG-EKI DC	78
110 350	WG-EKI 24 VAC	78
110 360	WG-EKI 48 VAC	78
110 370	WG-EKI 60 VDC	78
110 380	WG-EKI Terminal With Cross Connection	78
110 390	WG-EKI Terminal With a Printed Circuit Card	78
111 010	NPP-EKI WVG-EKI (Beige)	78
304 120	AVK 2.5 Grey	20
304 121	AVK 2.5 Blue	20
304 122	AVK 2.5 Green	20
304 123	AVK 2.5 Yellow	20
304 124	AVK 2.5 Red	20
304 129	AVK 2.5 Beige	20
304 130	AVK 4 Grey	20
304 131	AVK 4 Blue	20
304 132	AVK 4 Green	20
304 133	AVK 4 Yellow	20
304 134	AVK 4 Red	20
304 139	AVK 4 Beige	20
304 140	AVK 6 Grey	21
304 141	AVK 6 Blue	21
304 142	AVK 6 Green	21
304 143	AVK 6 Yellow	21
304 144	AVK 6 Red	21
304 149	AVK 6 Beige	21
304 150	AVK 10 Grey	21
304 151	AVK 10 Blue	21
304 152	AVK 10 Green	21
304 153	AVK 10 Yellow	21
304 154	AVK 10 Red	21
304 159	AVK 10 Beige	21
304 160	AVK 16 Grey	21
304 161	AVK 16 Blue	21
304 162	AVK 16 Green	21
304 163	AVK 16 Yellow	21
304 164	AVK 16 Red	21
304 169	AVK 16 Beige	21
304 200	AVK 2.5 RD Grey	26
304 201	AVK 2.5 RD Blue	26
304 202	AVK 2.5 RD Green	26
304 203	AVK 2.5 RD Yellow	26
304 204	AVK 2.5 RD Red	26
304 205	AVK 2.5 RD Black	26
304 206	AVK 2.5 RD White	26
304 207	AVK 2.5 RD Orange	26
304 208	AVK 2.5 RD Brown	26
304 209	AVK 2.5 RD Beige	26
304 210	AVK 4 RD Grey	26
304 211	AVK 4 RD Blue	26
304 212	AVK 4 RD Green	26
304 213	AVK 4 RD Yellow	26
304 214	AVK 4 RD Red	26
304 215	AVK 4 RD Black	26

Cat. No.	Type	Page
304 216	AVK 4 RD White	26
304 217	AVK 4 RD Orange	26
304 218	AVK 4 RD Brown	26
304 219	AVK 4 RD Beige	26
304 240	AVK 16 RD Grey	23
304 241	AVK 16 RD Blue	22
304 242	AVK 16 RD Green	22
304 243	AVK 16 RD Yellow	22
304 244	AVK 16 RD Red	22
304 249	AVK 16 RD Beige	22
304 250	AVK 35 RD Grey	23
304 251	AVK 35 RD Blue	23
304 252	AVK 35 RD Green	23
304 253	AVK 35 RD Yellow	23
304 254	AVK 35 RD Red	23
304 259	AVK 35 RD Beige	23
304 260	AVK 35 I RD Grey	23
304 261	AVK 35 I RD Blue	23
304 262	AVK 35 I RD Green	23
304 263	AVK 35 I RD Yellow	23
304 264	AVK 35 I RD Red	23
304 265	AVK 35 I RD Beige	23
304 270	AVK 4 GD Grey	27
304 279	AVK 4 GD Beige	27
304 280	AVK 10 RD 4 Beige	29
304 289	AVK 10 RD 4 Grey	29
304 290	AVK 25 RD Grey	22
304 291	AVK 25 RD Blue	22
304 292	AVK 25 RD Green	22
304 293	AVK 25 RD Yellow	22
304 294	AVK 25 RD Red	22
304 299	AVK 25 RD Beige	22
304 300	AVK 95B Grey	46
304 310	AVK 150B Grey	46
304 320	AVK 240B Grey	47
304 330	AVK 50 Grey	42
304 331	AVK 50 Blue	42
304 332	AVK 50 Green	42
304 333	AVK 50 Yellow	42
304 334	AVK 50 Red	42
304 339	AVK 50 Beige	42
304 340	AVK 95 Grey	43
304 350	AVK 150 Grey	43
304 360	AVK 240 Grey	43
304 370	AVK/EK6 AVK 95 / AVK 150 / AVK 240	43
304 420	MVK 2.5 Beige	32
304 422	MVK 2.5 Green	32
304 423	MVK 2.5 Yellow	32
304 424	MVK 2.5 Red	32
304 429	MVK 2.5 Grey	32
304 430	MVK 4 Beige	32
304 432	MVK 4 Green	32
304 433	MVK 4 Yellow	32
304 434	MVK 4 Red	32
304 439	MVK 4 Grey	32
304 440	AVK PB 50 Grey	44
304 450	AVK PB 70 RD Grey	44
304 460	AVK PB 95 Grey	45
304 470	AVK PB 150 Grey	45
304 480	AVK PB 240 Grey	45
304 490	AVK 70 RD Beige	42
304 499	AVK 70 RD Grey	42
304 500	AVK Y4 Grey	30
304 509	AVK Y4 Beige	30
304 510	AVK Y6 Grey	30
304 519	AVK Y6 Beige	30
304 520	AVK Y10 Grey	31
304 529	AVK Y10 Beige	31
305 421	MVK 2.5 Blue	32
305 431	MVK 4 Blue	32
306 220	YBK 2.5 Beige	110
306 221	YBK 2.5 Blue	110
306 222	YBK 2.5 Green	110
306 223	YBK 2.5 Yellow	110
306 224	YBK 2.5 Red	110
306 229	YBK 2.5 Grey	110
306 230	YBK 4 Beige	110
306 231	YBK 4 Blue	110
306 232	YBK 4 Green	110
306 233	YBK 4 Yellow	110
306 234	YBK 4 Red	110
306 239	YBK 4 Grey	110
306 240	YBK 6 Beige	111
306 241	YBK 6 Blue	111
306 242	YBK 6 Green	111
306 243	YBK 6 Yellow	111
306 244	YBK 6 Red	111
306 249	YBK 6 Grey	111
306 250	YBK 10 Beige	111

Cat. No.	Type	Page
306 251	YBK 10 Blue	111
306 252	YBK 10 Green	111
306 253	YBK 10 Yellow	111
306 254	YBK 10 Red	111
306 259	YBK 10 Grey	111
306 420	MYK 2.5 Beige	114
306 429	MYK 2.5 Grey	114
306 430	MYPK 2.5 Beige	115
306 439	MYPK 2.5 Grey	115
306 440	MYSK 2.5 Beige	115
306 449	MYSK 2.5 Grey	115
307 000	PYK 1.5 Beige	84
307 001	PYK 1.5 Blue	84
307 009	PYK 1.5 Grey	84
307 100	PYK 2.5 Beige	84
307 101	PYK 2.5 Blue	84
307 109	PYK 2.5 Grey	84
307 110	PYK 4 Beige	85
307 111	PYK 4 Blue	85
307 119	PYK 4 Grey	85
307 120	PYK 6 Beige	85
307 121	PYK 6 Blue	85
307 129	PYK 6 Grey	85
307 130	PYK 10 Beige	85
307 131	PYK 10 Blue	85
307 139	PYK 10 Grey	85
307 160	PYK 2,5 A Beige	102
307 169	PYK 2,5 A Grey	102
307 170	PYK 2,5-2F Beige	92
307 179	PYK 2,5-2F Grey	92
307 180	PYK 2,5-2FT Beige / Beige	95
307 189	PYK 2,5-2FT Grey / Grey	95
307 190	PYK 2,5-3F Beige / Beige	94
307 199	PYK 2,5-3F Grey / Grey	94
307 200	PYK 2,5-3FT Beige / Beige	95
307 209	PYK 2,5-3FT Grey / Grey	95
307 210	PYK 2,5 CCA Beige	103
307 219	PYK 2,5 CCA Grey	103
307 220	PYK 4E Beige	107
307 229	PYK 4E Grey	107
307 230	PYK 2,5-2FK Beige	92
307 239	PYK 2,5-2FK Grey	92
307 240	PYK 4S (5x20) Beige	100
307 245	PYK 4S (5x20) Black	100
307 249	PYK 4S (5x20) Grey	100
307 250	PYK 4SLD 24V DC (5x20) Beige	100
307 259	PYK 4SLD 24V DC (5x20) Grey	100
307 260	PYK 4SLD 220V AC (5x20) Beige	100
307 269	PYK 4SLD 220V AC (5x20) Grey	100
307 270	PYK 4-2F Beige	93
307 271	PYK 4-2F Blue	93
307 279	PYK 4-2F Grey	93
307 280	PYK 4S (5x25) Beige	100
307 289	PYK 4S (5x25) Grey	100
307 290	PYK 4SLD 24V DC (5x25) Beige	100
307 299	PYK 4SLD 24V DC (5x25) Grey	100
307 300	PYK 4SLD 220V AC (5x25) Beige	100
307 309	PYK 4SLD 220V AC (5x25) Grey	100
307 310	PYK 4I (6,35x31,75) Beige	101
307 319	PYK 4I (6,35x31,75) Grey	101
307 320	PYK 4ILD 24V DC (6,35x31,75) Beige	101
307 329	PYK 4ILD 24V DC (6,35x31,75) Grey	101
307 330	PYK 4ILD 220V AC (6,35x31,75) Beige	101
307 339	PYK 4ILD 220V AC (6,35x31,75) Grey	101
307 340	PYK 2,5 2 FLD 24V DC Beige	93
307 340	PYK 2,5-2FLD 24V DC Beige	93
307 349	PYK 2,5 2 FLD 24V DC Grey	93
307 349	PYK 2,5-2FLD 24V DC Grey	93
307 350	PYK 2,5 2 FLD 220V AC Beige	93
307 350	PYK 2,5-2FLD 220V AC Beige	93
307 359	PYK 2,5 2 FLD 220V AC Grey	93
307 359	PYK 2,5-2FLD 220V AC Grey	93
307 360	PYK 2,5 2FD A Beige	93
307 369	PYK 2,5 2FD A Grey	81
307 370	PYK 2,5 2FD B Beige	81
307 379	PYK 2,5 2FD B Grey	81
307 380	PYK 2,5 C Beige	107
307 389	PYK 2,5 C Grey	107
307 390	PYKM 2,5 Beige	84
307 399	PYKM 2,5 Grey	84
307 400	PYK 3 S Beige	98
307 409	PYK 3 S Grey	98
307 410	PYK 3 SLD (NPN) Beige	98
307 419	PYK 3 SLD (NPN) Grey	98
307 420	PYK 3 SLD (PNP) Beige	98
307 429	PYK 3 SLD (PNP) Grey	98
307 430	PYK 2,5 E Beige	106
307 439	PYK 2,5 E Grey	106
307 450	PYK 2,5 EA Beige	102

Cat. No.	Type	Page
307 459	PYK 2,5 EA Grey	102
307 490	PYKMR 2,5 Beige	88
307 499	PYKMR 2,5 Grey	88
307 510	PB 6 Beige	38
3075 19	PB 6 Grey	38
316 100	YBK 2,5-2F Beige	118
316 109	YBK 2,5-2F Grey	118
316 120	YBK 2,5-2FK Beige	118
316 129	YBK 2,5-2FK Grey	118
316 210	YBK 2,5-2FD Beige	119
316 219	YBK 2,5-2FD Grey	119
316 220	YBK 2,5-2FD Beige	119
316 229	YBK 2,5-2FD Grey	119
316 310	YBK 2,5-2FLD 24VAC Beige	119
316 319	YBK 2,5-2FLD 24VAC Grey	119
316 320	YBK 2,5-2FLD 24VDC Beige	119
316 329	YBK 2,5-2FLD 24VDC Grey	119
316 410	YBK 2,5-2FLD 48VAC Beige	119
316 419	YBK 2,5-2FLD 48VAC Grey	119
316 420	YBK 2,5-2FLD 48VDC Beige	119
316 429	YBK 2,5-2FLD 48VDC Grey	119
316 610	YBK 2,5-2FLD 110VAC Beige	119
316 619	YBK 2,5-2FLD 110VAC Grey	119
316 620	YBK 2,5-2FLD 110VDC Beige	119
316 629	YBK 2,5-2FLD 110VDC Grey	119
316 710	YBK 2,5-2FLD 220VAC Beige	119
316 719	YBK 2,5-2FLD 220VAC Grey	119
316 720	YBK 2,5-2FLD 220VDC Beige	119
316 729	YBK 2,5-2FLD 220VDC Grey	119
317 100	PIK 2,5 N Beige	50
317 109	PIK 2,5 N Grey	50
317 120	PIK 2,5 NK Beige	50
317 129	PIK 2,5 NK Grey	50
317 210	PIK 2,5 ND Beige	51
317 219	PIK 2,5 ND Grey	51
317 220	PIK 2,5 ND Beige	51
317 229	PIK 2,5 ND Grey	51
317 310	PIK 2,5 NLD 24 VAC Beige	51
317 319	PIK 2,5 NLD 24 VAC Grey	51
317 320	PIK 2,5 NLD 24 VDC Beige	51
317 329	PIK 2,5 NLD 24 VDC Grey	51
317 410	PIK 2,5 NLD 48 VAC Beige	51
317 419	PIK 2,5 NLD 48 VAC Grey	51
317 420	PIK 2,5 NLD 48 VDC Beige	51
317 429	PIK 2,5 NLD 48 VDC Grey	51
317 610	PIK 2,5 NLD 110 VAC Beige	51
317 619	PIK 2,5 NLD 110 VAC Grey	51
317 620	PIK 2,5 NLD 110 VDC Beige	51
317 629	PIK 2,5 NLD 110 VDC Grey	51
317 710	PIK 2,5 NLD 220 VAC Beige	51
317 719	PIK 2,5 NLD 220 VAC Grey	51
317 720	PIK 2,5 NLD 220 VDC Beige	51
318 100	YBK 4- 2 F Beige	120
318 109	YBK 4- 2 F Grey	120
318 120	YBK 4- 2 FK Beige	120
318 129	YBK 4- 2 FK Grey	120
318 210	YBK 4- 2 FD Beige	121
318 219	YBK 4- 2 FD Grey	121
318 220	YBK 4- 2 FD Beige	121
318 229	YBK 4- 2 FD Grey	121
318 310	YBK 4- 2 FLD 24 VAC Beige	121
318 319	YBK 4- 2 FLD 24 VAC Grey	121
318 320	YBK 4- 2 FLD 24 VDC Beige	121
318 329	YBK 4- 2 FLD 24 VDC Grey	121
318 410	YBK 4- 2 FLD 48 VAC Beige	121
318 419	YBK 4- 2 FLD 48 VAC Grey	121
318 420	YBK 4- 2 FLD 48 VDC Beige	121
318 429	YBK 4- 2 FLD 48 VDC Grey	121
318 610	YBK 4- 2 FLD 110 VAC Beige	121
318 619	YBK 4- 2 FLD 110 VAC Grey	121
318 620	YBK 4- 2 FLD 110 VDC Beige	121
318 629	YBK 4- 2 FLD 110 VDC Grey	121
318 710	YBK 4- 2 FLD 220 VAC Beige	121
318 719	YBK 4- 2 FLD 220 VAC Grey	121
318 720	YBK 4- 2 FLD 220 VDC Beige	121
318 729	YBK 4- 2 FLD 220 VDC Grey	121
319 100	PIK 4N Beige	52
319 109	PIK 4N Grey	52
319 120	PIK 4NK Beige	52
319 129	PIK 4NK Grey	52
319 210	PIK 4ND Beige	53
319 219	PIK 4ND Grey	53
319 220	PIK 4ND Beige	53
319 229	PIK 4ND Grey	53
319 310	PIK 4NLD 24 VAC Beige	53
319 319	PIK 4NLD 24 VAC Grey	53
319 320	PIK 4NLD 24 VDC Beige	53
319 410	PIK 4NLD 48 VAC Beige	53
319 419	PIK 4NLD 48 VAC Grey	53

Cat. No.	Type		Page
319 420	PIK 4NLD	48 VDC Beige	53
319 429	PIK 4NLD	48 VDC Grey	53
319 610	PIK 4NLD	110 VAC Beige	53
319 619	PIK 4NLD	110 VAC Grey	53
319 620	PIK 4NLD	110 VDC Beige	53
319 629	PIK 4NLD	110 VDC Grey	53
319 710	PIK 4NLD	220 VAC Beige	53
319 719	PIK 4NLD	220 VAC Grey	53
319 720	PIK 4NLD	220 VDC Beige	53
319 729	PIK 4NLD	220 VDC Grey	53
319 809	PIK 4 FS	Beige / Beige	54
319 809	PIK 4 FS	Grey / Grey	54
319 900	PIK 10 N	Beige	54
319 909	PIK 10 N	Grey	54
324 100	PUK 3	Beige	56
324 109	PUK 3	Grey	56
324 200	PUK 2T	Beige	56
324 209	PUK 2T	Grey	56
324 300	PUK 3T	Beige	56
324 309	PUK 3T	Grey	57
324 400	PUK 3S	Beige	58
324 409	PUK 3S	Grey	58
324 410	PUK 3SLD	24 VDC NPN Beige	58
324 419	PUK 3SLD	24 VDC NPN Grey	58
324 420	PUK 3SLD	24 VDC PNP Beige	59
324 429	PUK 3SLD	24 VDC NPN Grey	59
324 500	YBK 2.5 - 3 F	Beige	122
324 509	YBK 2.5 - 3 F	Grey	122
324 600	YBK 2.5 - 3 FT	Beige	123
324 609	YBK 2.5 - 3 FT	Grey	123
324 700	YBK 3S	Beige	126
324 709	YBK 3S	Grey	126
324 710	YBK 3SLD	24 VDC Beige (NPN)	126
324 719	YBK 3SLD	24 VDC Grey (NPN)	126
324 720	YBK 3SLD	24 VDC Beige (PNP)	127
324 729	YBK 3SLD	24 VDC Grey (PNP)	127
324 800	YBK 2.5-2FT	Beige	122
324 809	YBK 2.5-2FT	Grey	122
324 900	AVK 2,5 CC	Beige	27
324 909	AVK 2,5 CC	Grey	27
324 910	AVK 2,5 CF	Beige	34
324 919	AVK 2,5 CF	Grey	34
324 920	AVK 2,5 F	Beige	68
324 929	AVK 2,5 F	Grey	68
324 930	AVK 2,5 CCA	Beige	63
324 939	AVK 2,5 CCA	Grey	63
324 940	AVK 2,5 EA	Beige	63
324 949	AVK 2,5 EA	Grey	63
325 100	AVK 4C	Beige	27
325 109	AVK 4C	Grey	27
326 050	YBK 2.5E	Beige	134
326 059	YBK 2.5E	Grey	134
326 100	YBK 2.5C	Beige	134
326 109	YBK 2.5C	Grey	134
326 200	YBK 2.5Cx2	Beige	135
326 209	YBK 2.5Cx2	Grey	135
326 210	YBK 2.5CD	Beige	136
326 219	YBK 2.5CD	Grey	136
326 310	YBK 2.5CLD	24 VAC Beige	136
326 319	YBK 2.5CLD	24 VAC Grey	136
326 320	YBK 2.5CLD	24 VDC Beige	136
326 329	YBK 2.5CLD	24 VDC Grey	136
326 410	YBK 2.5CLD	48 VAC Beige	136
326 419	YBK 2.5CLD	48 VAC Grey	136
326 420	YBK 2.5CLD	48 VDC Beige	136
326 429	YBK 2.5CLD	48 VDC Grey	136
326 610	YBK 2.5CLD	110 VAC Beige	136
326 619	YBK 2.5CLD	110 VAC Grey	136
326 620	YBK 2.5CLD	110 VDC Beige	136
326 629	YBK 2.5CLD	110 VDC Grey	136
326 710	YBK 2.5CLD	220 VAC Beige	136
326 719	YBK 2.5CLD	220 VAC Grey	136
326 720	YBK 2.5CLD	220 VDC Beige	136
326 729	YBK 2.5CLD	220 VDC Grey	136
326 800	CPB 6	Beige	39
326 809	CPB 6	Grey	39
326 810	CPB 6B	Beige	39
326 819	CPB 6B	Grey	39
334 120	AVK 2.5/4T	Earth Terminals	24
334 140	AVK 6/10T	Earth Terminals	24
334 170	AVK 2.5 T RD	Earth Terminals	28
334 180	AVK 4 T RD	Earth Terminals	28
334 190	AVK 50 T	Earth Terminals	25
334 200	AVK 16T RD	Earth Terminals	25
334 210	AVK 35T RD	Earth Terminals	25
334 220	AVK 2,5 CC T	Earth Terminals	29
334 230	AVK 10 T RD 4	Earth Terminals	29
334 420	MVK 2.5T	Earth Terminals	33
334 430	MVK 4T	Earth Terminals	33

Cat. No.	Type		Page
336 100	YBK 2.5CT	Earth Terminals	137
336 110	YBK 2.5 ET	Yellow-Green	137
336 220	YBK 2.5T	Earth Terminals	112
336 230	YBK 4 T	Earth Terminals	112
336 240	YBK 6 T	Earth Terminals	113
336 250	YBK 10 T	Earth Terminals	113
336 420	MYK 2.5 T	Yellow-Green	114
336 430	PYKM 2.5 T	Yellow-Green	89
336 490	PYK 1,5 T	Yellow-Green	86
336 500	PYK 2.5T	Yellow - Green	86
336 510	PYK 4T	Yellow - Green	87
336 520	PYK 6T	Yellow - Green	87
336 530	PYK 10T	Yellow - Green	87
336 540	PYK 2,5 CT	Yellow-Green	107
336 550	PYK 2,5 ET	Yellow-Green	106
336 560	PIK 2,5 NT	Yellow-Green	55
336 570	PIK 4 NT	Yellow-Green	55
336 580	PB 6T	Yellow-Green	38
339 329	PIK 4NLD	24 VDC Grey	53
351 100	ASK 2S	Beige	72
351 109	ASK 2S	Grey	72
351 120	ASK 4S	Beige	76
351 129	ASK 4S	Grey	76
351 210	ASK 2LD	24 VAC Beige	72
351 219	ASK 2LD	24 VAC Grey	72
351 220	ASK 2LD	24 VDC Beige	72
351 229	ASK 2LD	24 VDC Grey	72
351 310	ASK 2LD	48 VAC Beige	72
351 319	ASK 2LD	48 VAC Grey	72
351 320	ASK 2LD	48 VDC Beige	72
351 329	ASK 2LD	48 VDC Grey	72
351 510	ASK 2LD	110 VAC Beige	72
351 519	ASK 2LD	110 VAC Grey	72
351 520	ASK 2LD	110 VDC Beige	72
351 529	ASK 2LD	110 VDC Grey	72
351 610	ASK 2LD	220 VAC Beige	72
351 619	ASK 2LD	220 VAC Grey	72
351 620	ASK 2LD	220 VDC Beige	72
351 629	ASK 2LD	220 VDC Grey	72
351 710	ASK 4LD	24 VAC Beige	77
351 719	ASK 4LD	24 VAC Grey	77
351 720	ASK 4LD	24 VDC Beige	77
351 729	ASK 4LD	24 VDC Grey	77
351 730	ASK 4LD	48 VAC Beige	77
351 739	ASK 4LD	48 VAC Grey	77
351 740	ASK 4LD	48 VDC Beige	77
351 749	ASK 4LD	48 VDC Grey	77
351 750	ASK 4LD	110 VAC Beige	77
351 759	ASK 4LD	110 VAC Grey	77
351 760	ASK 4LD	110 VDC Beige	77
351 769	ASK 4LD	110 VDC Grey	77
351 770	ASK 4LD	220 VAC Beige	77
351 779	ASK 4LD	220 VAC Grey	77
351 780	ASK 4LD	220 VDC Beige	77
351 789	ASK 4LD	220 VDC Grey	77
353 100	ASK 3A	Beige	62
353 109	ASK 3A	Grey	62
353 200	YBK 2.5A	Beige	129
353 209	YBK 2.5A	Grey	129
353 300	AVK 4FS	Beige	75
353 309	AVK 4FS	Grey	75
354 100	ASK 3F	Beige	74
354 109	ASK 3F	Grey	74
354 210	ASK 3FLD	24 VAC Beige	74
354 219	ASK 3FLD	24 VAC Grey	74
354 220	ASK 3FLD	24 VDC Beige	74
354 229	ASK 3FLD	24 VDC Grey	74
354 310	ASK 3FLD	48 VAC Beige	74
354 319	ASK 3FLD	48 VAC Grey	74
354 320	ASK 3FLD	48 VDC Beige	74
354 329	ASK 3FLD	48 VDC Grey	74
354 510	ASK 3FLD	110 VAC Beige	74
354 519	ASK 3FLD	110 VAC Grey	74
354 520	ASK 3FLD	110 VDC Beige	74
354 529	ASK 3FLD	110 VDC Grey	74
354 610	ASK 3FLD	220 VAC Beige	74
354 619	ASK 3FLD	220 VAC Grey	74
354 620	ASK 3FLD	220 VDC Beige	74
354 629	ASK 3FLD	220 VDC Grey	74
355 100	ASK 3M	Beige	73
355 109	ASK 3M	Grey	73
355 110	YBK 5	Beige	128
355 119	YBK 5	Grey	128
355 120	YBK I	Beige	130
355 129	YBK I	Grey	130
355 210	ASK 3MLD	24 VAC Beige	73
355 219	ASK 3MLD	24 VAC Grey	73
355 220	ASK 3MLD	24 VDC Beige	73
355 229	ASK 3MLD	24 VDC Grey	73

Cat. No.	Type		Page	Cat. No.	Type		Page
355 310	ASK 3MLD	48 VAC Beige	73	375 800	WGO 2N	Beige / Without Socket	66
355 319	ASK 3MLD	48 VAC Grey	73	375 801	WGO 2N	Beige / One Socket	66
355 320	ASK 3MLD	48 VDC Beige	73	375 802	WGO 2N	Beige / Double Socket	66
355 329	ASK 3MLD	48 VDC Grey	73	375 803	WGO 2N	Beige / One Test Socket	66
355 510	ASK 3MLD	110 VAC Beige	73	375 804	WGO 2N	Beige / Double Socket	66
355 519	ASK 3MLD	110 VAC Grey	73	375 890	WGO 2N	Grey / Without Socket	66
355 520	ASK 3MLD	110 VDC Beige	73	375 891	WGO 2N	Grey / One Socket	66
355 529	ASK 3MLD	110 VDC Grey	73	375 892	WGO 2N	Grey / Double Test Socket	66
355 610	ASK 3MLD	220 VAC Beige	73	375 893	WGO 2N	Grey / One Test Socket	66
355 619	ASK 3MLD	220 VAC Grey	73	375 894	WGO 2N	Grey / Double Socket	66
355 620	ASK 3MLD	220 VDC Beige	73	375 900	WGO 2IR	Beige	67
355 629	ASK 3MLD	220 VDC Grey	73	375 909	WGO 2IR	Grey	67
355 710	YBK SLD	24 VAC Beige	129	375 910	WGO Y6	Beige	68
355 719	YBK SLD	24 VAC Grey	129	375 919	WGO Y6	Grey	68
355 720	YBK SLD	24 VDC Beige	129	375 920	WGO YD6	Beige	68
355 729	YBK SLD	24 VDC Grey	129	375 929	WGO YD6	Grey	68
355 730	YBK SLD	48 VAC Beige	129	375 930	WGO PB 6	Beige	69
355 739	YBK SLD	48 VAC Grey	129	375 939	WGO PB 6	Grey	69
355 740	YBK SLD	48 VDC Beige	129	395 100	AYK 10/16	AYK (Beige)	70
355 749	YBK SLD	48 VDC Grey	129	395 200	AYK 10/16	AYK (Beige)	70
355 750	YBK SLD	110 VAC Beige	129	395 220	AYK 10/16	AYK (Beige)	70
355 759	YBK SLD	110 VAC Grey	129	395 230	AYK 10/16	AYK (Beige)	70
355 760	YBK SLD	110 VDC Beige	129	395 240	AYK 10/16	AYK (Beige)	70
355 769	YBK SLD	110 VDC Grey	129	395 250	AYK 10/16	AYK (Beige)	70
355 770	YBK SLD	220 VAC Beige	129	400 110	BIK 1	Clamping Yokes	146
355 779	YBK SLD	220 VAC Grey	129	400 120	BIK 2	Clamping Yokes	146
355 780	YBK SLD	220 VDC Beige	129	400 130	BIK 3	Clamping Yokes	146
355 789	YBK SLD	220 VDC Grey	129	400 140	BIK 4	Clamping Yokes	146
355 810	YBK ILD	24 VAC Beige	131	400 150	BIK 5	Clamping Yokes	146
355 819	YBK ILD	24 VAC Grey	131	401 173	SBK16/5	Clamping Yokes	146
355 820	YBK ILD	24 VDC Beige	131	401 174	SBK16/10	Clamping Yokes	146
355 829	YBK ILD	24 VDC Grey	131	401 180	SBK 35/5	Clamping Yokes	146
355 830	YBK ILD	48 VAC Beige	131	401 181	SBK 35/10	Clamping Yokes	146
355 839	YBK ILD	48 VAC Grey	131	401 501	SBK50/5	Clamping Yokes	146
355 840	YBK ILD	48 VDC Beige	131	401 502	SBK50/10	Clamping Yokes	146
355 849	YBK ILD	48 VDC Grey	131	420 020	PSK 1/2	Terminal Strips	144
355 850	YBK ILD	110 VAC Beige	131	420 120	PSK 1/12	Terminal Strips	144
355 859	YBK ILD	110 VAC Grey	131	421 020	PSK 2/2	Terminal Strips	144
355 860	YBK ILD	110 VDC Beige	131	421 100	PSK 2/10	Cihaz Sıra Klemensi	144
355 869	YBK ILD	110 VDC Grey	131	422 010	TRV 4	Beige	142
355 870	YBK ILD	220 VAC Beige	131	422 017	TRV 4	Orange	142
355 879	YBK ILD	220 VAC Grey	131	422 019	TRV 4	Grey	142
355 880	YBK ILD	220 VDC Beige	131	422 020	TRV 4S	Beige	143
355 889	YBK ILD	220 VDC Grey	131	422 027	TRV 4S	Orange	143
360 110	ASK 2B	Beige	62	422 029	TRV 4S	Grey	143
360 119	ASK 2B	Grey	62	422 030	TRV 10	Beige	143
360 120	ASK 4B	Beige	65	422 037	TRV 10	Orange	143
360 129	ASK 4B	Grey	65	422 039	TRV 10	Grey	143
362 000	ASK 3FB	Beige	64	422 040	TRV 4M	Beige	143
362 009	ASK 3FB	Grey	64	422 047	TRV 4M	Orange	143
363 000	ASK 3MB	Beige	64	422 049	TRV 4M	Grey	143
363 009	ASK 3MB	Grey	64	422 050	TRV 4B	Beige	142
363 100	YBK SB	Beige	128	422 057	TRV 4B	Orange	142
363 109	YBK SB	Grey	128	422 059	TRV 4B	Grey	142
363 200	YBK IB	Beige	130	422 060	TRV 4 T	Yellow-Green	143
363 209	YBK IB	Grey	130	423 090	PCY IT	Beige	128
364 010	PCY 2,5	Beige	140	423 097	PCY IT	Orange	128
364 011	PCY 2,5	Blue	140	423 099	PCY IT	Grey	128
364 019	PCY 2,5	Grey	140	425 235	BUK 2,5/3	Junction Box Terminals	144
364 020	PCY 2,5L	24 VDC Beige	141	425 245	BUK 2,5/4	Junction Box Terminals	144
364 029	PCY 2,5L	24 VDC Grey	141	425 255	BUK 2,5/5	Junction Box Terminals	144
364 030	PCY 2,5L	110 VAC Beige	141	430 012	SK1		145
364 039	PCY 2,5L	110 VAC Grey	141	430 022	SK2		145
364 040	PCY 2,5L	220 VAC Beige	141	430 032	SK3		145
364 049	PCY 2,5L	220 VAC Grey	141	430 042	SK4		145
364 050	PCY 2,5E	Beige	141	432 012	SK1		145
364 059	PCY 2,5E	Grey	141	432 022	SK2		145
364 060	PCY 2,5EL	24 VDC Beige	141	432 032	SK3		145
364 069	PCY 2,5EL	24 VDC Grey	141	432 042	SK4		145
364 070	PCY 2,5EL	110 VAC Beige	141	444 120	NPP / AVK 2,5-10	AVK 2,5...10 (Grey)	20
364 079	PCY 2,5EL	110 VAC Grey	141	444 121	NPP / AVK 2,5-10	AVK 2,5...10 (Blue)	20
364 080	PCY 2,5 N	PCY-Neutral Busbar	140	444 122	NPP / AVK 2,5-10	AVK 2,5...10 (Green)	20
364 089	PCY 2,5EL	220 VAC Grey	141	444 123	NPP / AVK 2,5-10	AVK 2,5...10 (Yellow)	20
370 500	WGO 1	Beige / Without Socket	66	444 124	NPP / AVK 2,5-10	AVK 2,5...10 (Red)	20
370 501	WGO 1	Beige / One Socket	66	444 130	NPP / AVK 2,5 CC	Beige	27
370 502	WGO 1	Beige / Double Socket	66	444 132T	NPP / AVK 2,5 CC	Green	27
370 590	WGO 1	Grey / Without Socket	66	444 139	NPP / AVK 2,5 CC	Grey	27
370 591	WGO 1	Grey / One Socket	66	444 140	NPP / AVK 4GD	Grey	27
370 592	WGO 1	Grey / Double Socket	66	444 149	NPP / AVK 4GD	Beige	27
375 600	WGO 3	Beige / Without Socket	67	444 160	NPP / AVK 16	AVK16 (Grey)	21
375 601	WGO 3	Beige / One Socket	67	444 161	NPP / AVK 16	AVK16 (Blue)	21
375 602	WGO 3	Beige / Double Socket	67	444 162	NPP / AVK 16	AVK16 (Green)	21
375 690	WGO 3	Grey / Without Socket	67	444 163	NPP / AVK 16	AVK16 (Yellow)	21
375 691	WGO 3	Grey / One Socket	67	444 164	NPP / AVK 16	AVK16 (Red)	21
375 692	WGO 3	Grey / Double Socket	67	444 170	NPP / AVK 16 RD	Grey	22
375 700	WGL 1	WGL 1 Beige Without Socket	67	444 171	NPP / AVK 16 RD	Blue	22
375 701	WGL 1	WGL 1 Beige One Socket	67	444 172	NPP / AVK 16 RD	Green	22
375 790	WGL 1	WGL 1 Grey Without Socket	67	444 173	NPP / AVK 16 RD	Yellow	22
375 791	WGL 1	WGL 1 Grey One Socket	67	444 174	NPP / AVK 16 RD	Red	22

Cat. No.	Type		Page
444 179	NPP / AVK 16 RD	Beige	22
444 420	NPP / MVK 2,5-4	Beige	32
444 421	NPP / MVK 2,5-4	Blue	32
444 422 T	NPP / MVK 2,5-4	Yellow-Green	33
444 423	NPP / MVK 2,5-4	Yellow	32
444 424	NPP / MVK 2,5-4	Red	32
444 429	NPP / MVK 2,5-4	Grey	32
446 210	NPP / YBK 2.5E	Beige	134
446 212 T	NPP / YBK 2.5ET	Yellow-Green	137
446 219	NPP / YBK 2.5E	Grey	134
446 240	NPP / YBK 2.5-3F	Beige	122
446 249	NPP / YBK 2.5-3F	Grey	122
446 250	NPP / YBK 2.5-3FT	Beige	123
446 259	NPP / YBK 2.5-3FT	Grey	123
446 260	NPP / YBK 4-2F	Beige	120
446 269	NPP / YBK 4-2F	Grey	120
446 270	NPP / YBK 2.5C	Beige	134
446 272	NPP / YBK 2.5CT	Yellow-Green	137
446 279	NPP / YBK 2.5C	Grey	134
446 280	NPP / YBK 3S	Beige	126
446 289	NPP / YBK 3S	Grey	126
446 290	NPP / YBK 2.5-2F	Beige	118
446 290	NPP / YBK 2.5-2FT	Beige	122
446 299	NPP / YBK 2.5-2F	Grey	118
446 299	NPP / YBK 2.5-2FT	Grey	122
446 320	NPP / YBK 2.5	YBK 2.5 (Beige)	110
446 321	NPP / YBK 2.5	YBK 2.5 (Blue)	110
446 322 T	NPP / YBK 2.5	YBK 2.5 (Yellow-Green)	112
446 323	NPP / YBK 2.5	YBK 2.5 (Yellow)	110
446 324	NPP / YBK 2.5	YBK 2.5 (Red)	110
446 329	NPP / YBK 2.5	YBK 2.5 (Grey)	110
446 330	NPP / YBK 4	YBK 4 (Beige)	110
446 331	NPP / YBK 4	YBK 4 (Blue)	110
446 332 T	NPP / YBK 4	YBK 4 (Yellow-Green)	112
446 333	NPP / YBK 4	YBK 4 (Yellow)	110
446 334	NPP / YBK 4	YBK 4 (Red)	110
446 339	NPP / YBK 4	YBK 4 (Grey)	110
446 340	NPP / YBK 6	YBK 6 (Beige)	111
446 341	NPP / YBK 6	YBK 6 (Blue)	111
446 342 T	NPP / YBK 6	YBK 6 (Yellow-Green)	113
446 343	NPP / YBK 6	YBK 6 (Yellow)	111
446 344	NPP / YBK 6	YBK 6 (Red)	111
446 349	NPP / YBK 6	YBK 6 (Grey)	111
446 350	NPP / YBK 10	YBK 10 (Beige)	111
446 351	NPP / YBK 10	YBK 10 (Blue)	111
446 352 T	NPP / YBK 10	YBK 10 (Yellow-Green)	113
446 353	NPP / YBK 10	YBK 10 (Yellow)	111
446 354	NPP / YBK 10	YBK 10 (Red)	111
446 359	NPP / YBK 10	YBK 10 (Grey)	111
446 420	NPP MYK 2,5	Beige	114
446 429	NPP 1 MYK 2,5	Grey	114
446 439	NPP 2 MYK 2,5	Grey	114
446 442 T	NPP / PYK 1,5 - 2,5 T	Yellow - Green	86
446 449	NPP / PYK 2,5	Grey	84
446 450	NPP / PYK 4	Beige	84
446 452 T	NPP / PYK 4	Yellow-Green	87
446 459	NPP / PYK 4	Grey	85
446 460	NPP / PYK 6	Beige	85
446 462	NPP / PYK 6	Green	85
446 469	NPP / PYK 6	Grey	85
446 470	NPP / PYK 10	Beige	85
446 472 T	NPP / PYK 10	Yellow - Green	87
446 479	NPP / PYK 10	Grey	85
446 490	NPP PYK 2,5 C	Beige	107
446 492 T	NPP PYK 2,5 CT	Yellow-Green	107
446 499	NPP PYK 2,5 C	Grey	107
446 500	NPP / PYK 2,5 A	Beige	102
446 509	NPP / PYK 2,5 A	Grey	102
446 510	NPP / PYK 2,5-2F	Beige	92
446 519	NPP / PYK 2,5-2F	Grey	92
446 520	NPP / PYK 2,5-2FT	Beige	94
446 529	NPP / PYK 2,5-2FT	Grey	94
446 530	NPP / PYK 2,5-3FT	Beige	94
446 539	NPP / PYK 2,5-3FT	Grey	94
446 540	NPP / PYK 2,5 CCA	Beige / Beige	103
446 549	NPP / PYK 2,5 CCA	Grey / Grey	103
446 550	NPP / PYK 4E	Beige	107
446 559	NPP / PYK 4E	Grey	107
446 570	NPP / PYK 4-2F	Beige	93
446 571	NPP / PYK 4-2F	Blue	93
446 579	NPP / PYK 4-2F	Grey	93
446 582	NPP1 PYKM 2,5 T	Yellow-Green	88
446 589	NPP1 PYKM 2,5	Grey	88
446 592	NPP2 PYKM 2,5 T	Yellow-Green	88
446 599	NPP2 PYKM 2,5	Beige	88
446 600	NPP PYK 3 S	Beige	98
446 609	NPP PYK 3 S	Grey	98
446 610	NPP PYK 2,5 E	Beige	106
446 612 T	NPP PYK 2,5 ET	Yellow-Green	106

Cat. No.	Type		Page
446 619	NPP PYK 2,5 E	Grey	106
446 620	NPP PYK 2,5 EA	Beige	102
446 629	NPP PYK 2,5 EA	Grey	102
449 010	NPP / PIK 2,5N - 4N	PIK 2,5N - 4N (Beige) / PIK 2,5N - 4N (Beige)	50
449 012 T	NPP PIK 2,5 - 4 N		55
449 019	NPP / PIK 2,5N - 4N	PIK 2,5N - 4N (Grey) / PIK 2,5N - 4N (Grey)	50
449 020	NPP / PIK 4FS	Beige	54
449 029	NPP / PIK 4FS	Grey	54
449 030	NPP PIK 10 N	Beige	54
449 039	NPP PIK 10 N	Grey	54
450 040	NPP / ASK 2	ASK 2 (Beige)	62
450 049	NPP / ASK 2	ASK 2 (Grey)	62
450 050	NPP / ASK 3	ASK 3 (Beige)	62
450 059	NPP / ASK 3	ASK 3 (Grey)	62
450 060	NPP / YBK 5-YBK 1	Beige	128
450 069	NPP / YBK 5-YBK 1	Grey	128
450 090	NPP / AYK	AYK (Beige) / AYK (Beige)	70
450 100	NPP / WGO 1	WGO 1 Beige	66
450 109	NPP / WGO 1	WGO 1 Grey	66
450 130	NPP / PUK 3	PUK 3 (Beige)	56
450 139	NPP / PUK 3	PUK 3 (Grey)	56
450 140	NPP / PUK 2T	PUK 2T (Beige)	56
450 149	NPP / PUK 2T	PUK 2T (Grey)	56
450 150	NPP / PUK 3T	PUK 3T (Beige)	56
450 159	NPP / PUK 3T	PUK 3T (Grey)	56
450 160	NPP / PUK 3S	Beige	58
450 169	NPP / PUK 3S	Grey	58
450 170	NPP / AVK 4C	Beige	27
450 179	NPP / AVK 4C	Grey	27
450 190	NPP / PCY	Beige	140
450 191	NPP / PCY	Blue	140
450 199	NPP / PCY	Grey	140
450 200	NPP / AVK 4FS	Beige	75
450 209	NPP / AVK 4FS	Grey	75
450 210	NPP / YBK 2,5A	Beige	128
450 219	NPP / YBK 2,5A	Grey	128
450 220	NPP / WGO 3	WGO 3 Beige	67
450 229	NPP / WGO 3	WGO 3 Grey	67
450 230	NPP / WGO 2N	WGO 2N Beige	66
450 239	NPP / WGO 2N	WGO 2N Grey	66
450 240	NPP / WGO 2IR	WGO 2IR (Beige)	67
450 249	NPP / WGO 2IR	WGO 2IR (Grey)	67
450 250	NPP AVK 25 RD	Grey	22
450 259	NPP AVK 25 RD	Beige	22
450 260	NPP AVK Y10	Grey	31
450 269	NPP AVK Y10	Beige	31
450 270	NPP WGO Y6	Beige	68
450 279	NPP WGO Y6	Grey	68
450 290	NPP CPB 6B	Beige	39
450 299	NPP CPB 6B	Grey	39
450 300	NPP AVK Y4/Y6	Grey	30
450 309	NPP AVK Y4/Y6	Beige	30
450 310	NPP WGO PB 6	Beige	69
450 319	NPP WGO PB 6	Grey	69
450 320	NPP PB 6	Beige	38
450 329	NPP PB 6	Grey	38
451 251	NPP AVK 25 RD	Blue	22
452 252	NPP AVK 25 RD	Green	22
453 253	NPP AVK 25 RD	Yellow	22
454 254	NPP AVK 25 RD	Red	22
462 120	APP / AVK 2,5-10	AVK 2,5-10 (Grey)	20
462 121	APP / AVK 2,5-10	AVK 2,5-10 (Blue)	20
462 122	APP / AVK 2,5-10	AVK 2,5-10 (Green)	20
462 123	APP / AVK 2,5-10	AVK 2,5-10 (Yellow)	20
462 124	APP / AVK 2,5-10	AVK 2,5-10 (Red)	20
462 129	APP / AVK 2,5-10	AVK 2,5-10 (Beige)	20
462 160	APP / AVK 16	AVK 16 (Grey)	21
462 161	APP / AVK 16	AVK 16 (Blue)	21
462 162	APP / AVK 16	AVK 16 (Green)	21
462 163	APP / AVK 16	AVK 16 (Yellow)	21
462 164	APP / AVK 16	AVK 16 (Red)	21
462 169	APP / AVK 16	AVK 16 (Beige)	21
462 170	APP / AVK 16 RD	AVK 16 RD (Grey)	22
462 171	APP / AVK 16 RD	AVK 16 RD (Blue)	22
462 172	APP / AVK 16 RD	AVK 16 RD (Green)	22
462 173	APP / AVK 16 RD	AVK 16 RD (Yellow)	22
462 174	APP / AVK 16 RD	AVK 16 RD (Red)	22
462 179	APP / AVK 16 RD	AVK 16 RD (Beige)	22
462 180	APP / AVK 35 RD	AVK 35 RD (Grey)	23
462 181	APP / AVK 35 RD	AVK 35 RD (Blue)	23
462 182	APP / AVK 35 RD	AVK 35 RD (Green)	23
462 183	APP / AVK 35 RD	AVK 35 RD (Yellow)	23
462 184	APP / AVK 35 RD	AVK 35 RD (Red)	23
462 189	APP / AVK 35 RD	AVK 35 RD (Beige)	23
463 180	APP PYK 1,5 - 2,5 - 4	Partition Plate	84
463 190	APP PYK 6	Partition Plate	85
463 200	APP PYK 10	Partition Plate	85
466 100	KKB 95	Grey/ Grey	46
466 110	KKB 150	Grey/ Grey	46

Cat. No.	Type		Page
466 120	KKB 240	Grey/ Grey	47
467 910	AD 1	PEK 2.5 K - AVK 2.5...10 (Beige)	186
467 919	AD 1	PEK 2.5 K - AVK 2.5...10 (Grey)	186
467 950	AD 2	PEK 2.5...10 (Beige)	186
468 050	AD 3	AVK 16 RD (Beige)	186
468 059	AD 3	AVK 16 RD (Grey)	186
468 060	SKK	Holding Plate for Cover (Beige)	186
468 069	SKK	Holding Plate for Cover (Grey)	186
474 122	UK 2,5/2	AVK 2,5	20
474 123	UK 2,5/3	AVK 2,5	20
474 124	UK 2,5/4	AVK 2,5	20
474 129	UK 2,5/10	AVK 2,5	20
474 132	UK 4/2	AVK 4 / PIK 4N	20
474 133	UK 4/3	AVK 4 / PIK 4N	40
474 133	UK 4/3	AVK 4 / PIK 4N	40
474 134	UK 4/4	AVK 4 / PIK 4N	20
474 139	UK 4/10	AVK 4 / PIK 4N	20
474 142	UK 6/2	AVK 6	21
474 143	UK 6/3	AVK 6	21
474 144	UK 6/4	AVK 6	21
474 149	UK 6/10	AVK 6	21
474 152	UK 10/2	AVK 10	21
474 153	UK 10/3	AVK 10	21
474 154	UK 10/4	AVK 10	21
474 159	UK 10/10	AVK 10	21
474 162	UK 16/2	AVK 16	21
474 163	UK 16/3	AVK 16	21
474 164	UK 16/4	AVK 16	21
474 169	UK 16/10	AVK 16	21
474 172	UK 35/2	AVK 35	23
474 173	UK 35/3	AVK 35	23
474 174	UK 35/4	AVK 35	23
474 179	UK 35/10	AVK 35	23
476 222	UK 2,5/2	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
476 223	UK 2,5/3	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
476 224	UK 2,5/4	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
476 229	UK 2,5/10	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
476 232	UK 4/2	YBK 4, MVK4, AVK 4 RD	52
476 233	UK 4/3	YBK 4, MVK4, AVK 4 RD	104
476 233	UK 4/3	YBK 4, MVK4, AVK 4 RD	104
476 234	UK 4/4	YBK 4, MVK4, AVK 4 RD	52
476 239	UK 4/10	YBK 4, MVK4, AVK 4 RD	52
476 242	UK 6/2	YBK 6	52
476 243	UK 6/3	YBK 6	52
476 244	UK 6/4	YBK 6	52
476 249	UK 6/10	YBK 6	52
476 252	UK 10/2	YBK 10	52
476 253	UK 10/3	YBK 10	52
476 254	UK 10/4	YBK 10	52
476 259	UK 10/10	YBK 10	52
476 262	TKÖ 2,5/2	AVK 2,5	20
476 263	TKÖ 2,5/3	AVK 2,5	20
476 264	TKÖ 2,5/4	AVK 2,5	20
476 269	TKÖ 2,5/10	AVK 2,5	20
476 272	TKÖ 4/2	AVK 4	25
476 273	TKÖ 4/3	AVK 4	25
476 274	TKÖ 4/4	AVK 4	25
476 279	TKÖ 4/10	AVK 4	25
476 282	TKÖ 6/2	AVK 6/ WGO1/ WGO3/ WGL	21
476 283	TKÖ 6/3	AVK 6/ WGO1/ WGO3/ WGL	21
476 284	TKÖ 6/4	AVK 6/ WGO1/ WGO3/ WGL	21
476 289	TKÖ 6/10	AVK 6/ WGO1/ WGO3/ WGL	21
476 292	TKÖ 10/2	AVK 10	21
476 293	TKÖ 10/3	AVK 10	21
476 294	TKÖ 10/4	AVK 10	21
476 299	TKÖ 10/10	AVK 10	21
476 302	IZUK 6/2	IZUK 6/2 WGO 1 - WGL 1 - WGO3	66
476 303	IZUK 6/3	IZUK 6/3 WGO 1 - WGL 1 - WGO3	66
476 304	IZUK 6/4	IZUK 6/4 WGO 1 - WGL 1 - WGO3	66
476 306	IZUK 6/6	IZUK 6/6 WGO 1 - WGL 1 - WGO3	66
476 309	IZUK 6/10	IZUK 6/10 WGO 1 - WGL 1 - WGO3	66
476 309	UK 6 / 10	WGO 1 - WGL 1 - WGO3	188
476 402	IZUK 10/2	IZUK 10/2 WGO 2N	66
476 403	IZUK 10/3	IZUK 10/3 WGO 2N	66
476 404	IZUK 10/4	IZUK 10/4 WGO 2N	66
476 406	IZUK 10/6	IZUK 10/6 WGO 2N	66
476 409	IZUK 10/10	IZUK 10/10 WGO 2N	66
476 502	IZUK 10W/2	IZUK 10W/2 WGO 2IR	67
476 509	IZUK 10W/10	IZUK 10W/10 WGO 2IR	67
476 602	UK 1,5/2		84
476 603	UK 1,5/3		84
476 604	UK 1,5/4		84
476 609	UK 1,5/10		84
476 802	TKO-PB6/2	Comb Connector	38
476 803	TKO-PB6/3	Comb Connector	38
476 804	TKO-PB6/4	Comb Connector	38
476 807	TKO-PB6/7	Comb Connector	38
477 503	IZUK 10W/3	IZUK 10W/3 WGO 2IR	67
478 302	UKB 95/2	AVK 95B / AVK 95	46

Cat. No.	Type		Page
478 303	UKB 95/3	AVK 95B / AVK 95	46
478 304	UKB 95/4	AVK 95B / AVK 95	46
478 312	UKB 150/2	AVK 150B / AVK 150	46
478 313	UKB 150/3	AVK 150B / AVK 150	46
478 314	UKB 150/4	AVK 150B / AVK 150	46
478 322	UKB 240/2	AVK 240B / AVK 240	47
478 323	UKB 240/3	AVK 240B / AVK 240	47
478 324	UKB 240/4	AVK 240B / AVK 240	47
478 332	UK 50/2	AVK 50	42
478 333	UK 50/3	AVK 50	42
478 334	UK 50/4	AVK 50	42
478 342	UK 95/2	AVK 95	43
478 343	UK 95/3	AVK 95	43
478 344	UK 95/4	AVK 95	43
478 352	UK 150/2		43
478 353	UK 150/3		43
478 354	UK 150/4		43
478 362	UK 240/2		43
478 363	UK 240/3		43
478 364	UK 240/4		43
478 372	UK 70/2		42
478 373	UK 70/3		42
478 374	UK 70/4		42
478 504	IZUK 10W/4	IZUK 10W/4 WGO 2IR	67
479 506	IZUK 10W/6	IZUK 10W/6 WGO 2IR	67
480 132	UK 2,5/2	PUK 3, PUK 2T, PUK 3T	56
480 133	UK 2,5/3	PUK 3, PUK 2T, PUK 3T	56
480 134	UK 2,5/4	PUK 3, PUK 2T, PUK 3T	56
480 139	UK 2,5/10	PUK 3, PUK 2T, PUK 3T	56
480 142	UK 4/2	AVK 4C	54
480 142	UK 4/3	AVK 4C	54
480 143	UK 4/3	AVK 4C	27
480 144	UK 4/4	AVK 4C	27
480 149	UK 4/10	AVK 4C	27
480 182	UK 6/2	WGO 1	56
480 183	UK 6/3	WGO 1	56
480 184	UK 6/4	WGO 1	56
480 189	UK 6/10	WGO 1	56
480 192	UK 9,5/2	Cross Connection	39
480 199	UK 9,5/10	Cross Connection	39
480 202	UK 13/2	Cross Connection	39
480 209	UK 13/10	Cross Connection	39
490 010	TSK 1 (02)	Test Plug	190
490 020	TSK 2 (02)	Test Plug	190
490 030	TSK 3 (02,3)	Test Plug	190
490 040	TSK 4 (02,3)	Test Plug	190
490 070	TSK 7 (04)	Test Plug	190
490 080	TSK 8 (04)	Test Plug	190
490 090	TSK 9 (04)	Test Plug	190
492 010	ITK 28 (Q4)	Test Plug / Test Plug Socket	197
492 020	ITK 32 (Q4)	Test Plug	197
493 050	TSK 4 (04)	Test Plug	190
495 030	WGD 1	MR 32 - MR 35 (Beige)	184
495 039	WGD 1	MR 32 - MR 35 (Grey)	184
495 040	KD 3	MR 35 (Beige)	184
495 049	KD 3	MR 35 (Grey)	184
495 050	KD 4	MR 35 (Beige)	184
495 059	KD 4	MR 35 (Grey)	184
495 060	KD 5	MR 15 (Beige)	184
495 069	KD 5	MR 15 (Grey)	184
495 090	KD 6	MR 35 (Beige)	184
495 099	KD 6	MR 35 (Grey)	184
495 100	KD 6A	MR 35 (Beige)	184
495 100	KD 6A PIM	Sealing Pin for KD 6A	186
495 109	KD 6A	MR 35 (Grey)	184
495 109	KD 6A PIM	Sealing Pin for KD 6A	186
495 200	KD 6T	MR 35 (Beige)	185
495 209	KD 6T	MR 35 (Grey)	185
495 210	KD 7	MR 35 (Beige)	185
495 219	KD 7	MR 35 (Grey)	185
496 110	GE	Beige	185
496 119	GE	Grey	185
496 12A	ME 1-1	Transparent	185
496 13A	ME 1-2	Transparent	185
496 14A	ME 2-2	Transparent	185
496 210	GE 1	White	185
496 250	GE 2	Group Markers	185
496 255	GE 3	Group Markers	185
496 300	ME 3	Transparent	185
498 130	IP 25	White	190
498 140	IP 2	White	190
498 143	IP 35	Warning Label	190
498 145	IP 3	Warning Label	190
498 160	IP 45	Warning Label	190
498 170	IP 4	Warning Label	190
498 187	Sealing Pin for KD 6A	Orange	186
498 190	KD 6A Cover	Cover for KD 6A	186
498 199	KD 6A Cover	Cover for KD 6A	186
498 210	ETS2 PYK 2,5	Group Marking Carrier (Beige)	181

Cat. No.	Type		Page
498 217	ETS2 PYK 2,5	Group Marking Carrier (Orange)	181
498 219	ETS2 PYK 2,5	Group Marking Carrier (Grey)	181
498 220	ETS3 PYK 2,5	Group Marking Carrier (Beige)	181
498 227	ETS3 PYK 2,5	Group Marking Carrier (Orange)	181
498 229	ETS3 PYK 2,5	Group Marking Carrier (Grey)	181
498 230	ETS2 PYK 4	Group Marking Carrier (Beige)	181
498 237	ETS2 PYK 4	Group Marking Carrier (Orange)	181
498 239	ETS2 PYK 4	Group Marking Carrier (Grey)	181
498 300	WGO-UAA	Cross Connection Disconnecting Tool	66
498 450	RA 10	Rail Adaptor (Beige)	186
498 459	RA 10	Rail Adaptor (Grey)	186
498 550	PYK Test	Beige (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	88
498 559	PYK Test	Grey (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	88
498 650	PYK Test - A	Beige (PYK 4, PYK 4E)	88
498 659	PYK Test - A	Grey (PYK 4, PYK 4E)	88
498 750	AVK SKT	Beige	35
498 759	AVK SKT	Grey	35
498 850	AVK SKTD	Beige	35
498 859	AVK SKTD	Grey	35
500 101	MR 32	DIN Rail	182
500 601	MR 35x7,5	DIN Rail	182
500 602	MR 35x7,5	DIN Rail (Slotted)	182
500 603	MR 35x7,5	DIN Rail	182
500 604	MR 35x7,5	DIN Rail (Slotted)	182
500 605	MR 35x7,5	DIN Rail	182
500 606	MR 35x7,5	DIN Rail	183
500 607	MR 35x7,5	DIN Rail (Slotted)	183
500 608	MR 35x7,5	DIN Rail	183
500 609	MR 35x7,5	DIN Rail (Slotted)	183
500 610	MR 35x15	DIN Rail	183
500 611	MR 35x15	DIN Rail (Slotted)	183
500 612	MR 35x15	DIN Rail	183
500 613	MR 35x15	DIN Rail (Slotted)	183
501 101	RT	DIN Rail Support	183
503 000	DB 4	Without Print	156 / 158
505 000	DY 5	0	172
505 001	DY 5	1	172
505 002	DY 5	2	172
505 003	DY 5	3	172
505 004	DY 5	4	172
505 005	DY 5	5	172
505 006	DY 5	6	172
505 007	DY 5	7	172
505 008	DY 5	8	172
505 009	DY 5	9	172
505 010	DY 5	10	172
505 020	DY 5	1-10	172
505 021	DY 5	11-20	172
505 022	DY 5	21-30	172
505 023	DY 5	31-40	172
505 024	DY 5	41-50	172
505 030	DY 5	10-100	172
505 040	DY 5	1-50	172
505 041	DY 5	51-100	172
505 042	DY 5	101-150	172
505 043	DY 5	151-200	172
505 044	DY 5	201-250	172
505 045	DY 5	251-300	172
505 046	DY 5	301-350	172
505 047	DY 5	351-400	172
505 048	DY 5	401-450	172
505 049	DY 5	451-500	172
505 050	DY 5	501-550	172
505 051	DY 5	551-600	172
505 052	DY 5	601-650	172
505 053	DY 5	651-700	172
505 054	DY 5	701-750	172
505 055	DY 5	751-800	172
505 056	DY 5	801-850	172
505 057	DY 5	851-900	172
505 058	DY 5	901-950	172
505 059	DY 5	951-999	172
505 060	DY 5	A	172
505 061	DY 5	B	172
505 062	DY 5	C	172
505 063	DY 5	D	172
505 064	DY 5	E	172
505 065	DY 5	F	172
505 066	DY 5	G	172
505 067	DY 5	H	172
505 068	DY 5	I	172
505 069	DY 5	J	172
505 070	DY 5	K	172
505 071	DY 5	L	172
505 072	DY 5	M	172
505 073	DY 5	N	172
505 074	DY 5	O	172
505 075	DY 5	P	172
505 076	DY 5	Q	172

Cat. No.	Type		Page
505 077	DY 5	R	172
505 078	DY 5	S	172
505 079	DY 5	T	172
505 080	DY 5	U	172
505 081	DY 5	V	172
505 082	DY 5	W	172
505 083	DY 5	x	172
505 084	DY 5	Y	172
505 085	DY 5	Z	172
505 090	DY 5	L1	172
505 091	DY 5	L2	172
505 092	DY 5	L3	172
505 093	DY 5	R S T N	172
505 094	DY 5	Mp	172
505 095	DY 5	+	172
505 096	DY 5	-	172
505 097	DY 5	±	172
505 201	DY 10/6,5	1-10	172
505 202	DY 10/6,5	11-20	172
505 203	DY 10/6,5	21-30	172
505 204	DY 10/6,5	31-40	172
505 205	DY 10/6,5	41-50	172
505 206	DY 10/6,5	51-60	172
505 207	DY 10/6,5	61-70	172
505 208	DY 10/6,5	71-80	172
505 209	DY 10/6,5	81-90	172
505 210	DY 10/6,5	91-100	172
505 310	DG 10/5	Without Print	154 / 158 / 162
505 320	DG 10/6	Without Print	155 / 159 / 163
505 330	DG 6/5	Without Print	155 / 159 / 163
505 340	DG 7/5	TRV Without Print	172
505 380	DG 10/5 T	Without Print	154 / 159 / 162
505 390	DG 10/6 T	Without Print	155 / 159 / 163
505 410	DG 10/8	Without Print	155 / 160 / 163
505 430	DG 10x10	Without Print	156 / 160 / 164
505 850	DB 5	Without Print	157 / 161 / 164
505 910	DB 10/5	Without Print	157 / 161 / 165
505 915	DB 10/6	Without Print	157 / 161 / 165
505 920	DB 10/6,5	Without Print	157 / 161 / 165
506 710	KKS 10 / 1,5-2,5	Transparent Sleeves	166 / 167 / 168
506 711	KKS 15 / 1,5-2,5	Transparent Sleeves	166 / 167 / 168
506 712	KKS 23 / 1,5-2,5	Transparent Sleeves	166 / 167 / 168
506 713	KKS 30 / 1,5-2,5	Transparent Sleeves	166 / 167 / 168
506 714	KKS 18 / 1,5-2,5	Transparent Sleeves	166 / 167 / 168
506 715	KKS 10 / 2,5-4	Transparent Sleeves	166 / 167 / 168
506 716	KKS 15 / 2,5-4	Transparent Sleeves	166 / 167 / 168
506 717	KKS 23 / 2,5-4	Transparent Sleeves	166 / 167 / 168
506 718	KKS 30 / 2,5-4	Transparent Sleeves	166 / 167 / 168
506 719	KKS 18 / 2,5-4	Transparent Sleeves	166 / 167 / 168
506 720	KKS 10 / 6-10	Transparent Sleeves	166 / 167 / 168
506 721	KKS 15 / 6-10	Transparent Sleeves	166 / 167 / 168
506 722	KKS 23 / 6-10	Transparent Sleeves	166 / 167 / 168
506 723	KKS 30 / 6-10	Transparent Sleeves	166 / 167 / 168
506 724	KKS 18 / 6-10	Transparent Sleeves	166 / 167 / 168
506 725	KKS 10 / 16-25	Transparent Sleeves	166 / 167 / 168
506 726	KKS 15 / 16-25	Transparent Sleeves	166 / 167 / 168
506 727	KKS 23 / 16-25	Transparent Sleeves	166 / 167 / 168
506 728	KKS 30 / 16-25	Transparent Sleeves	166 / 167 / 168
506 729	KKS 18 / 16-25	Transparent Sleeves	166 / 167 / 168
506 730	205/10	Transparent Sleeves	166 / 167 / 168
506 732	205/23	Transparent Sleeves	167 / 167 / 168
506 733	205/30	Transparent Sleeves	168 / 167 / 168
506 735	206/10	Transparent Sleeves	169 / 167 / 168
506 736	206/15	Transparent Sleeves	170 / 167 / 168
506 737	206/23	Transparent Sleeves	171 / 167 / 168
506 738	206/30	Transparent Sleeves	172 / 167 / 168
506 740	207/10	Transparent Sleeves	173 / 167 / 168
506 751	209/15	Transparent Sleeves	181 / 167 / 168
506 752	209/23	Transparent Sleeves	182 / 167 / 168
506 753	209/30	Transparent Sleeves	183 / 167 / 168
507 741	207/15	Transparent Sleeves	174 / 167 / 168
508 001	KIP 10 W	Without Print	166
508 002	KIP 10 Y	Without Print	166
508 003	KIP 15 W	Without Print	166
508 004	KIP 15 Y	Without Print	166
508 005	KIP 23 W	Without Print	167
508 006	KIP 23 Y	Without Print	167
508 008	KIP 30 W	Without Print	168
508 009	KIP 30 Y	Without Print	168
508 012	KIP 18 W	Without Print	167
508 013	KIP 18 Y	Without Print	167
508 051	KOIP SM W		169
508 057	KOIP TT W		169
508 060	Y-KOIP 209 W		169
508 061	Y-KOIP 209 Y		169
508 065	Y-OIP 1710 W		169
508 066	Y-OIP 1710 Y		169
508 080	KBE 3	Cable Tags	170
508 518	SIT FP 0915 Y	Adhesive Paper Labels	169

Cat. No.	Type		Page	Cat. No.	Type		Page
508 519	SIT FP 1020 Y	Adhesive Paper Labels	169	516 010	KG 2	A	173
508 530	SIFx 0615 Y	Adhesive Paper Labels	169	516 011	KG 2	B	173
508 531	SIFx 0912 Y	Adhesive Paper Labels	169	516 012	KG 2	C	173
508 532	SIFx 0915 Y	Adhesive Paper Labels	169	516 013	KG 2	D	173
508 600	Y-PAEK 1730	Panel Tag Holders	171	516 014	KG 2	E	173
508 601	Y-PAEK 1752	Panel Tag Holders	171	516 015	KG 2	F	173
508 602	Y-PAEK 1770	Panel Tag Holders	171	516 016	KG 2	G	173
508 603	PAEK 1730	Panel Tag Holders	171	516 017	KG 2	H	173
508 604	PAEK 1752	Panel Tag Holders	171	516 018	KG 2	I	173
508 605	PAEK 1770	Panel Tag Holders	171	516 019	KG 2	J	173
508 700	Y-BEK S	Push Button Tag Holders	171	516 020	KG 2	K	173
508 701	Y-BEK T	Push Button Tag Holders	171	516 021	KG 2	L	173
508 704	BEK S	Push Button Tag Holders	171	516 022	KG 2	M	173
508 705	BEK T	Push Button Tag Holders	171	516 023	KG 2	N	173
508 742	207/23	Transparent Sleeves	175 / 167 / 168	516 024	KG 2	O	173
508 800	PBIP 2715 W	White	171	516 025	KG 2	P	173
508 801	PBIP 2715 G	Grey	171	516 026	KG 2	Q	173
508 802	PBIP 2715 Y	Yellow	171	516 027	KG 2	R	173
508 803	PBIP 5015 W	White	171	516 030	KG 2	U	173
508 804	PBIP 5015 G	Grey	171	516 031	KG 2	V	173
508 805	PBIP 5015 Y	Yellow	171	516 032	KG 2	W	173
508 806	PBIP 6715 W	White	171	516 033	KG 2	x	173
508 807	PBIP 6715 G	Grey	171	516 034	KG 2	Y	173
508 808	PBIP 6715 Y	Yellow	171	516 035	KG 2	Z	173
508 813	PBKP 2715	Transparent Protector	171	516 040	KG 2	Mp	173
508 814	PBKP 5015	Transparent Protector	171	516 041	KG 2	S	173
508 815	PBKP 6715	Transparent Protector	171	516 042	KG 2	T	173
509 743	207/30	Transparent Sleeves	176 / 167 / 168	516 043	KG 2	+	173
510 110	K 1	Cable Clamps	170	516 044	KG 2	-	173
510 120	K 2	Cable Clamps	170	516 045	KG 2	±	173
510 130	K 3	Cable Clamps	170	516 046	KG 2	(	173
510 500	KR 1	Cable Clamp Rail	170	516 047	KG 2	.	173
511 745	208/10	Transparent Sleeves	177 / 167 / 168	516 048	KG 2	/	173
512 746	208/15	Transparent Sleeves	178 / 167 / 168	517 000	KE 1	0	173
513 747	208/23	Transparent Sleeves	179 / 167 / 168	517 001	KE 1	1	173
514 748	208/30	Transparent Sleeves	180 / 167 / 168	517 002	KE 1	2	173
515 000	KG 1	0	173	517 003	KE 1	3	173
515 001	KG 1	1	173	517 004	KE 1	4	173
515 002	KG 1	2	173	517 005	KE 1	5	173
515 003	KG 1	3	173	517 006	KE 1	6	173
515 004	KG 1	4	173	517 007	KE 1	7	173
515 005	KG 1	5	173	517 008	KE 1	8	173
515 006	KG 1	6	173	517 009	KE 1	9	173
515 007	KG 1	7	173	517 010	KE 1	A	173
515 008	KG 1	8	173	517 011	KE 1	B	173
515 009	KG 1	9	173	517 012	KE 1	C	173
515 010	KG 1	A	173	517 013	KE 1	D	173
515 011	KG 1	B	173	517 014	KE 1	E	173
515 012	KG 1	C	173	517 015	KE 1	F	173
515 013	KG 1	D	173	517 016	KE 1	G	173
515 014	KG 1	E	173	517 017	KE 1	H	173
515 015	KG 1	F	173	517 018	KE 1	I	173
515 016	KG 1	G	173	517 019	KE 1	J	173
515 017	KG 1	H	173	517 020	KE 1	K	173
515 018	KG 1	I	173	517 021	KE 1	L	173
515 019	KG 1	J	173	517 022	KE 1	M	173
515 020	KG 1	K	173	517 023	KE 1	N	173
515 021	KG 1	L	173	517 024	KE 1	O	173
515 022	KG 1	M	173	517 025	KE 1	P	173
515 023	KG 1	N	173	517 026	KE 1	Q	173
515 024	KG 1	O	173	517 027	KE 1	R	173
515 025	KG 1	P	173	517 028	KE 1	S	173
515 026	KG 1	Q	173	517 029	KE 1	T	173
515 027	KG 1	R	173	517 030	KE 1	U	173
515 030	KG 1	U	173	517 031	KE 1	V	173
515 031	KG 1	V	173	517 032	KE 1	W	173
515 032	KG 1	W	173	517 033	KE 1	x	173
515 033	KG 1	x	173	517 034	KE 1	Y	173
515 034	KG 1	Y	173	517 035	KE 1	Z	173
515 035	KG 1	Z	173	517 040	KE 1	Mp	173
515 040	KG 1	Mp	173	517 043	KE 1	+	173
515 041	KG 1	S	173	517 044	KE 1	-	173
515 042	KG 1	T	173	517 045	KE 1	±	173
515 043	KG 1	+	173	517 046	KE 1	(	173
515 044	KG 1	-	173	517 047	KE 1	.	173
515 045	KG 1	±	173	517 048	KE 1	/	173
515 046	KG 1	(	173	518 000	KE 2	0	173
515 047	KG 1	.	173	518 001	KE 2	1	173
515 048	KG 1	/	173	518 002	KE 2	2	173
516 000	KG 2	/	173	518 003	KE 2	3	173
516 001	KG 2	1	173	518 004	KE 2	4	173
516 002	KG 2	2	173	518 005	KE 2	5	173
516 003	KG 2	3	173	518 006	KE 2	6	173
516 004	KG 2	4	173	518 007	KE 2	7	173
516 005	KG 2	5	173	518 008	KE 2	8	173
516 006	KG 2	6	173	518 009	KE 2	9	173
516 007	KG 2	7	173	518 010	KE 2	A	173
516 008	KG 2	8	173	518 011	KE 2	B	173
516 009	KG 2	9	173	518 012	KE 2	C	173

Cat. No.	Type		Page
518 013	KE 2	D	173
518 014	KE 2	E	173
518 015	KE 2	F	173
518 016	KE 2	G	173
518 017	KE 2	H	173
518 018	KE 2	I	173
518 019	KE 2	J	173
518 020	KE 2	K	173
518 021	KE 2	L	173
518 022	KE 2	M	173
518 023	KE 2	N	173
518 024	KE 2	O	173
518 025	KE 2	P	173
518 026	KE 2	Q	173
518 027	KE 2	R	173
518 028	KE 2	S	173
518 029	KE 2	T	173
518 030	KE 2	U	173
518 031	KE 2	V	173
518 032	KE 2	W	173
518 033	KE 2	x	173
518 034	KE 2	Y	173
518 035	KE 2	Z	173
518 040	KE 2	Mp	173
518 043	KE 2	+	173
518 044	KE 2	-	173
518 045	KE 2	⊥	173
518 046	KE 2	(	173
518 047	KE 2	.	173
518 048	KE 2	/	173
519 000	KE 3	0	173
519 001	KE 3	1	173
519 002	KE 3	2	173
519 003	KE 3	3	173
519 004	KE 3	4	173
519 005	KE 3	5	173
519 006	KE 3	6	173
519 007	KE 3	7	173
519 008	KE 3	8	173
519 009	KE 3	9	173
519 010	KE 3	A	173
519 011	KE 3	B	173
519 012	KE 3	C	173
519 013	KE 3	D	173
519 014	KE 3	E	173
519 015	KE 3	F	173
519 016	KE 3	G	173
519 017	KE 3	H	173
519 018	KE 3	I	173
519 019	KE 3	J	173
519 020	KE 3	K	173
519 021	KE 3	L	173
519 022	KE 3	M	173
519 023	KE 3	N	173
519 024	KE 3	O	173
519 025	KE 3	P	173
519 026	KE 3	Q	173
519 027	KE 3	R	173
519 028	KE 3	S	173
519 029	KE 3	T	173
519 030	KE 3	U	173
519 031	KE 3	V	173
519 032	KE 3	W	173
519 033	KE 3	x	173
519 034	KE 3	Y	173
519 035	KE 3	Z	173
519 040	KE 3	Mp	173
519 043	KE 3	+	173
519 044	KE 3	-	173
519 045	KE 3	⊥	173
519 046	KE 3	(	173
519 047	KE 3	.	173
519 048	KE 3	/	173
519 51x	KEB1	Without Print	173
519 52x	KEB2	Without Print	173
519 53x	KEB3	Without Print	173
520 110	KBE 1	Cable Tags	170
520 120	KBE 2	Cable Tags	170
525 100	KUB 1	Busbar	146
525 101	KUB 1/2	Busbar	146
525 200	KUB 2	Busbar	146
525 201	KUB 2/2	Busbar	146
525 300	KUB 3	Busbar	146
525 350	KUB 3	Busbar	146
525 361	BK 4	Clamping Yokes	147
525 362	BK 10	Clamping Yokes	147
525 362	BK 4	Clamping Yokes	147
525 363	BK 35	Clamping Yokes	147
525 363	BK 35	Clamping Yokes	147

Cat. No.	Type		Page
525 371	IBK 4	Blue	147
525 372	IBK 10	Blue	147
525 373	IBK 35	Blue	147
525 381	IBK 4	Green - Yellow	148
525 382	IBK 10	Green - Yellow	148
525 383	IBK 35	Green - Yellow	148
525 400	PCY NB	PCY Neutral Busbar	140
528 110	BM	Busbar Support Block	147
532094B	YKB 94	2,5x94 mm. White	191
532094B	YKB 94	2,5x94 mm. White	191
532094S	YKB 94	2,5x94 mm. Black	191
532094S	YKB 94	2,5x94 mm. Black	191
532100B	YKB 100	2,5x100 mm. White	191
532100S	YKB 100	2,5x100 mm. Black	191
532142B	YKB 142	2,5x142 mm. White	191
532142S	YKB 142	2,5x142 mm. Black	191
532203B	YKB 203	2,5x142 mm. White	191
532203S	YKB 203	2,5x142 mm. Black	191
533150B	YKB 150	3,6x150 mm. White	191
533150S	YKB 150	3,6x150 mm. Black	191
533250B	YKB 250	3,6x250 mm. White	191
533250S	YKB 250	3,6x250 mm. Black	191
533292B	YKB 292	3,6x292 mm. White	191
533292S	YKB 292	3,6x292 mm. Black	191
533368B	YKB 368	3,6x368 mm. White	191
533368S	YKB 368	3,6x368 mm. Black	191
534120B	YKB 120	4,8x120 mm. White	191
534120S	YKB 120	4,8x120 mm. Black	191
534190B	YKB 190	4,8x190 mm. White	191
534190S	YKB 190	4,8x190 mm. Black	191
534368B	YKB 368	4,8x368 mm. White	191
534368S	YKB 368	4,8x368 mm. Black	191
537300B	YKB 300	7,6x300 mm. White	191
537300S	YKB 300	7,6x300 mm. Black	191
537380B	YKB 380	7,6x380 mm. White	191
537380S	YKB 380	7,6x380 mm. Black	191
538450B	YKB 450	8,0x450 mm. White	191
538450S	YKB 450	8,0x450 mm. Black	191
538450S	YKB 450	8,0x450 mm. Black	191
539762B	YKB 762	9,0x762 mm. White	191
539762B	YKB 762	9,0x762 mm. White	191
539762S	YKB 762	9,0x762 mm. Black	191
539762S	YKB 762	9,0x762 mm. Black	191
541210B	YK 1	White	192
541210S	YK 1	Black	192
541280B	YK 2	White	192
541280S	YK 2	Black	192
542110B	VK 1	White	192
542110S	VK 1	Black	192
542120B	VK 2	White	192
542120S	VK 2	Black	192
542130B	VK 3	White	192
542130S	VK 3	Black	192
551 010	KKC 2530	25x30 Wiring Duct	189
551 011	KKC 2540	25x40 Wiring Duct	189
551 012	KKC 2560	25x60 Wiring Duct	189
551 013	KKC 4040	40x40 Wiring Duct	189
551 014	KKC 4060	40x60 Wiring Duct	189
551 015	KKC 4080	40x80 Wiring Duct	189
551 016	KKC 6040	60x40 Wiring Duct	189
551 017	KKC 6060	60x60 Wiring Duct	189
551 018	KKC 6080	60x80 Wiring Duct	189
551 019	KKC 8060	80x60 Wiring Duct	189
551 020	KKC 8080	80x80 Wiring Duct	189
551 021	KKC 1006	100x60 Wiring Duct	189
551 022	KKC 1008	100x80 Wiring Duct	189
551 023	KKC 1206	120x60 Wiring Duct	189
551 024	KKC 1208	120x80 Wiring Duct	189
551 050	KKK 25	25mm Wiring Duct Cover	189
551 051	KKK 40	40mm Wiring Duct Cover	189
551 052	KKK 60	60mm Wiring Duct Cover	189
551 053	KKK 80	80mm Wiring Duct Cover	189
551 054	KKK 100	100mm Wiring Duct Cover	189
551 055	KKK 120	120mm Wiring Duct Cover	189
553 315	KKT 25	Wiring Retainer	189
553 325	KKT 40	Wiring Retainer	189
553 335	KKT 60	Wiring Retainer	189
553 405	KKB	Cable Clamp	188
553 415	KKM	Cable Holder	189
560 030	KT 3 (0,6 x 3,5)	Screwdriver - YBK 4	197
560 030	KT 3 (0,6 x 3,5)	Screwdriver - YBK 4-2F	197
560 030	KT 3 (0,6 x 3,5)	Screwdriver - YBK 4T	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - AVK 4FS	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MVK 2,5	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MVK 2,5T	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MYK 2,5	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MYK 2,5T	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MYPK 2,5	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - MYSK 2,5	197

Cat. No.	Type		Page	Cat. No.	Type		Page
561 020	ITK 2 (0,5 x 3)	Screwdriver - PIK 2,5N	197	561 050	ITK 5 (1 x 5,5)	Screwdriver - WGD 1	197
561 020	ITK 2 (0,5 x 3)	Screwdriver - PUK 2T	197	570 010	IKY 0.50/8	Orange	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PUK 3	197	570 020	IKY 0.75/8	White	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PUK 3S	197	570 030	IKY 1.0/8	Yellow	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PUK 3S	197	570 040	IKY 1.5/8	Red	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PUK 3T	197	570 050	IKY 2.5/8	Blue	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5	197	570 060	IKY 4.0/9	Grey	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5-2F	197	570 070	IKY 6.0/12	Black	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5-2FT	197	570 080	IKY 10/12	Ivory	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5-3F	197	570 090	IKY 16/12	Green	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5-3FT	197	570 100	IKY 25/16	Brown	196
561 020	ITK 2 (0,5 x 3)	Screwdriver - PYK 2,5T	197	570 110	IKY 35/25	Beige	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - ASK 2S	197	570 120	IKY 50/20	Olive Green	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - ASK 3A	197	571 010	KY 0.50/10	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - ASK 3F	197	571 020	KY 0.75/10	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - ASK 3M	197	571 030	KY 1.0/10	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - ASK 4S	197	571 040	KY 1.5/10	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5	197	571 050	KY 2.5/12	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5 RD	197	571 060	KY 4/12	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5/4T	197	571 070	KY 6/12	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5CC	197	571 080	KY 10/12	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5CCT	197	571 090	KY 16/12	End Sleeves	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 2,5T RD	197	572 010	IKY 2x0.50	Orange	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 4	197	572 020	IKY 2x0.75	White	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 4 RD	197	572 030	IKY 2x1.0	Yellow	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 4C	197	572 040	IKY 2x1.5	Red	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - AVK 4T RD	197	572 050	IKY 2x2.5	Blue	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - MVK 4	197	572 060	IKY 2x4	Grey	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - MVK 4T	197	572 070	IKY 2x6	Black	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PCY 2,5	197	572 080	IKY 2x10	Ivory	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PCY 2,5E	197	572 090	IKY 2x16	Green	196
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PIK 4N	197	583 041	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4	197	583 042	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4-2F	197	583 043	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4E	197	583 044	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4I (6,35x31,75)	197	583 045	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4S (5x20)	197	583 061	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4S (5x25)	197	583 062	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - PYK 4T	197	583 063	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - TRV 4	197	583 065	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - TRV 4B	197	583 091	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - TRV 4M	197	583 092	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - TRV 4S	197	583 093	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - TRV 4T	197	583 095	LSK 2	Signal Modules	193
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5	197	590 010	KYK-301	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5 A	197	590 011	KYK-351	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5 Cx2	197	590 012	KYK-401	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5 ET	197	590 013	KYK-501	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5-2F	197	590 014	KYK-601	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5-2FT	197	590 015	KYK-801	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5-3F	197	590 020	KYK-302	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5-3FT	197	590 021	KYK-402	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5-3S	197	590 022	KYK-502	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5C	197	590 023	KYK-602	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5CT	197	590 024	KYK-802	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5E	197	590 025	KYK-1002	Insulated Terminal (Ring Type)	194
561 030	ITK 3 (0,6 x 3,5)	Screwdriver - YBK 2,5T	197	590 030	KYK-406	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - AVK / EK6	197	590 031	KYK-506	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - AVK 10	197	590 032	KYK-606	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - AVK 6	197	590 033	KYK-806	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - AVK 6/10T	197	590 034	KYK-1006	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - KD 3	197	590 035	KYK-1206	Insulated Terminal (Ring Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - PYK 10	197	591 010	KCK-301	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - PYK 10T	197	591 011	KCK-351	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - PYK 6	197	591 012	KCK-401	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - PYK 6T	197	591 013	KCK-501	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - TSK 10	197	591 014	KCK-601	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - WGL 1	197	591 021	KCK-352	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - WGO 1	197	591 022	KCK-402	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - WGO 2	197	591 023	KCK-502	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - WGO 3	197	591 024	KCK-602	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 10	197	591 030	KCK-406	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 10T	197	591 031	KCK-506	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 6	197	591 032	KCK-606	Insulated Terminal (Fork Type)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 6T	197	592 010	KIK 1/1.5	Insulated Terminal (Pinconnectors)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 1	197	592 020	KIK 1/2.5	Insulated Terminal (Pinconnectors)	194
561 040	ITK 4 (0,8 x 4)	Screwdriver - YBK 5	197	592 030	KIK 6	Insulated Terminal (Pinconnectors)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 16	197	593 010	KFD-1288	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 16 RD	197	593 011	KFD-1488	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 16/35T	197	593 012	KFD-1638	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 16T RD	197	593 020	KFD-2488	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 35	197	593 021	KFD-2638	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 35 1 RD	197	593 030	KFD-5638	Insulated Terminal (Female Disconnect)	194
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 35 RD	197	594 010	KFE-1288	Insulated Terminal	195
561 050	ITK 5 (1 x 5,5)	Screwdriver - AVK 35T RD	197	594 011	KFE-1488	Insulated Terminal	195
561 050	ITK 5 (1 x 5,5)	Screwdriver - KD 6	197	594 012	KFE-1638	Insulated Terminal	195
561 050	ITK 5 (1 x 5,5)	Screwdriver - KD 6A	197	594 020	KFE-2488	Insulated Terminal	195
561 050	ITK 5 (1 x 5,5)	Screwdriver - KD 6T	197	594 021	KFE-2638	Insulated Terminal	195
561 050	ITK 5 (1 x 5,5)	Screwdriver - TRV 10	197	594 030	KFE-5638	Insulated Terminal	195

Cat. No.	Type	Page
595 010	IKFD-1288 Insulated Terminal	195
595 011	IKFD-1488 Insulated Terminal	195
595 012	IKFD-1638 Insulated Terminal	195
595 020	IKFD-2488 Insulated Terminal	195
595 021	IKFD-2638 Insulated Terminal	195
595 030	IKFD-5638 Insulated Terminal	195
596 010	KPB-1638 Insulated Terminal	195
596 020	KPB-2638 Insulated Terminal	195
596 030	KPB-5638 Insulated Terminal	195
597 010	KME-251 Insulated Terminal	195
597 020	KME-252 Insulated Terminal	195
597 030	KME-256 Insulated Terminal	195
598 010	KMT-1040 Insulated Terminal	195
598 020	KMT-2050 Insulated Terminal	195
598 030	KMT-5050 Insulated Terminal	195
599 010	KFT-1040 Insulated Terminal	195
599 020	KFT-2050 Insulated Terminal	195
599 030	KFT-5050 Insulated Terminal	195
630 110	RR 11 Rubber Gland	193
630 135	RR 13,5 Rubber Gland	193
630 160	RR 16 Rubber Gland	193
630 210	RR 21 Rubber Gland	193
630 290	RR 29 Rubber Gland	193
630 360	RR 36 Rubber Gland	193
630 420	RR 42 Rubber Gland	193
670 100	DIN Rail Socket (Earth)	187
670 200	DIN Rail Socket (Earth) + LED	187
670 300	DIN Rail SocketUPS	187
670 400	DIN Rail Socket UPS + LED	187
670 500	DIN Rail Socket (Children Protection+Earth)	187
807 000	HATTAT	150
807 007	KLM-PS (A4) Set	150
807 008	KLM-PS (A3) Set	150
807 009	KLM-PS (A4)	150
807 010	KLM-PS (A3)	150
807 011	KLM-PS Engraver Set	174
807 012	KLM-PS Service Kit	153
807 015	KLM-PS (A4) (A4) Pen Plotter Carrying Bag	153
807 019	Optical Measurement Tool	153
807 020	EVT-T Vacuum Cleaning Bag	175
807 021	PLOT PL-A	151
807 025	PLOT-PL-E	174
807 026	PLOT PL-DB	151
807 027	PLOT PL-KE	151
807 028	PLOT PL-DB 5	151
807 029	KLM-PS A3 Adhesive Engraving Plate	174
807 030	KLM-PS Start Set	153
807 040	PLO K-S 0,18 mm Red	151
807 041	PLO K-S 0,25 mm White	151
807 042	PLO K-S 0,35 mm Yellow	151
807 043	PLO K-S 0,50 mm Brown	151
807 044	PLO K-S 0,70 mm Blue	151
807 045	PLO K-S 1,00 mm Orange	151
807 046	PLO-K-D 0,18 mm Red	151
807 047	PLO-K-D 0,25 mm White	151
807 048	PLO-K-D 0,35 mm Yellow	151
807 049	PLO-K-D 0,50 mm Brown	151
807 050	PLO-K-D 1,00 mm Blue	151
807 051	PLO K-EL 0,25 mm	152
807 052	PLO K-EL 0,35 mm	152
807 053	PLO K-EL 0,50 mm	152
807 054	PLO K-EL 0,70 mm	152
807 055	Pilot Hand Pen	152
807 060	EKI-0,2mm 15 Engraver Needles	175
807 061	EKI-0,3mm 15 Engraver Needles	175
807 062	EKI-0,4mm 15 Engraver Needles	175
807 063	EKI-0,5mm 15 Engraver Needles	175
807 064	EKI-0,7mm 15 Engraver Needles	175
807 065	EKI-1,0mm 15 Engraver Needles	175
807 066	EKI - Set	175
807 067	EKI - 0,5 mm 90 Engraver Needles	175
807 068	EKI-0,7mm 90 Engraver Needles	175
807 069	EKI-1,0mm 90 Engraver Needles	175
807 070	PLOT KRT-P 1 ml	152
807 071	PLOT MR 30 ml	152
807 079	EKI-0,4mm 90 Engraver Needles	175
807 080	PLOT TMZ S	152
807 090	PLOT SLV 2x10 ml	152
807 091	PLOT SLV 2x10 ml	152
807 100	PLOT TMZ K	152
807 907	ADAPTOR PILOT PEN SMALL	152
807 908	ADAPTOR PILOT PEN LARGE	152
808 000	KLM-9x26 S/B SA	176
808 001	KLM-10x25 W/B SA	176
808 002	KLM-10x30 S/B SA	176
808 003	KLM-14x45 S/B SA	176
808 004	KLM-14x45 W/B SA	176
808 005	KLM-17x6 S/B SA	176
808 006	KLM-17x9 Y/B SA	176

Cat. No.	Type	Page
808 007	KLM-17x9 S/B RND SA	176
808 008	KLM-17x9 W/B RND SA	176
808 009	KLM-18x9 S/B RND SA	176
808 010	KLM-18x9 W/B RND SA	176
808 011	KLM-19x45 S/B RND SA	176
808 012	KLM-19x45 G/B RND SA	176
808 013	KLM-19x45 W/B RND SA	176
808 014	KLM-22x22 S/B RND SA	176
808 015	KLM-22x22 G/B RND SA	176
808 016	KLM-22x22 W/B RND SA	176
808 017	KLM-25x60 W/B RND SA	176
808 018	KLM-27x12 W/B SA	177
808 019	KLM-27x12 W/B SA 2x3mm	177
808 020	KLM-27x12,5 S/B SB BRS. RND SA 177	177
808 021	KLM-27x12,5 S/B RND SA	177
808 022	KLM-27x12,5 S/B SA	177
808 023	KLM-27x12,5 G/B RND SA	177
808 024	KLM-27x12,5 W/B RND SA	177
808 025	KLM-27x12 W/B RND SA 1x3,2mm	177
808 026	KLM-27x12,5 W/B SA	177
808 027	KLM-27x18 Y/B SA	177
808 028	KLM-27x18 R/W SA	177
808 029	KLM-27x18 S/B BRS. RND SA	177
808 030	KLM-27x18 S/B RND SA	177
808 031	KLM-27x18 S/B RND SA SL	177
808 032	KLM-27x18 S/B SA	177
808 033	KLM-27x18 G/B RND SA	177
808 034	KLM-27x18 G/B SA	177
808 035	KLM-27x18 W/B RND SA	177
808 036	KLM-27x18 W/B SA	177
808 037	KLM-27x27 S/B RND SA	177
808 038	KLM-27x27 W/B RND SA	177
808 039	KLM-30x15 S/B RND SA 2x3mm 177	177
808 040	KLM-30x15 S/B SA	177
808 041	KLM-30x15 W/B RND SA 2x3mm 177	177
808 042	KLM-30x15 W/B SA	177
808 043	KLM-35x20 W/B SL	177
808 044	KLM-35x20 W/B SA	177
808 045	KLM-70x35 S/B SL 2x2,6 mm	178
808 046	KLM-70x35 S/B RND SA	178
808 047	KLM-70x35 G/B RND SA	178
808 048	KLM-70x35 W/B RND SA 2x3 mm 178	178
808 049	KLM-95x45 S/B SA	178
808 050	KLM-95x45 W/B SA	178
808 051	KLM-120x35 S/B SA	176
808 052	KLM-120x35 S/B RND SA	178
808 053	KLM-120x35 G/B SA	178
808 054	KLM- RE D=25 W/B SA 1x3 mm	178
808 055	KLM- RE D=25 W/B SL 1x3 mm	178
808 056	KLM- RE D=25 S/B SL 1x2,5 mm MS 1,5	178
808 057	KLM- RE D= 25 G/B SL 1x2,5 mm 178	178
808 100	KLM-ALU 30x15 S RND SR 2x2,2mm	179
808 101	KLM-ALU 30x15 S RND SR 2x4mm	179
808 102	KLM-ALU RE D=25 S SL 1x3,2 mm	179
808 103	KLM-ALU RE D=25 B SL 1x3,2 mm	179
808 104	KLM-ALU 30x15 RND 2x2,2mm	179
808 105	KLM-ALU 55x20 S SL	179
808 106	KLM-ALU 55x20 S SL 2x2,5 mm	179
808 107	KLM-ALU 40x15 S SL	179
808 108	KLM-ALU 40x15 S SL RND 2x2,5mm	179
808 200	KLM 300x200 mm S/B SA	178
808 201	KLM 300x200 mm W/B SA	178
808 250	KLM-PLY2-200 W/B	178
808 251	KLM-PLY2-200 W/B	178
808 252	KLM-PLY2-234 Y/R	178
808 253	KLM-PLY2-235 Y/B	178
808 254	KLM-PLY2-236 SY/B	178
808 255	KLM-PLY2-277 O/W	178
808 256	KLM-PLY2-210 B/W	178
808 257	KLM-PLY2-281 GS/B	178
808 258	KLM-PLY2-282 GGL/B	178
808 259	KLM-PLY2-248 R/W	178
808 300	KLM-LZ- 901 B/W	179
808 301	KLM-LZ-902 W/B	179
808 302	KLM-LZ-903 R/W	179
808 303	KLM-LZ-906 Y/B	179
808 304	KLM-LZ-933 Y/B	179
808 305	KLM-LZ-916 W/R	179
808 306	KLM-LZ-993 S/B	179
808 307	KLM-LZ-992 GL/B	179
808 350	KLM-LZR-901 B	179
808 351	KLM-LZR-906 Y	179

Type	Cat. No.		Page	Type	Cat. No.		Page
205/10	506 730	Transparent Sleeves	166 / 167 / 168	ASK 3M	355 100	Beige	73
205/23	506 732	Transparent Sleeves	167 / 167 / 168	ASK 3M	355 109	Grey	73
205/30	506 733	Transparent Sleeves	168 / 167 / 168	ASK 3MB	363 000	Beige	64
206/10	506 735	Transparent Sleeves	169 / 167 / 168	ASK 3MB	363 009	Grey	64
206/15	506 736	Transparent Sleeves	170 / 167 / 168	ASK 3MLD	355 210	24 VAC Beige	73
206/23	506 737	Transparent Sleeves	171 / 167 / 168	ASK 3MLD	355 219	24 VAC Grey	73
206/30	506 738	Transparent Sleeves	172 / 167 / 168	ASK 3MLD	355 220	24 VDC Beige	73
207/10	506 740	Transparent Sleeves	173 / 167 / 168	ASK 3MLD	355 229	24 VDC Grey	73
207/15	507 741	Transparent Sleeves	174 / 167 / 168	ASK 3MLD	355 310	48 VAC Beige	73
207/23	508 742	Transparent Sleeves	175 / 167 / 168	ASK 3MLD	355 319	48 VAC Grey	73
207/30	509 743	Transparent Sleeves	176 / 167 / 168	ASK 3MLD	355 320	48 VDC Beige	73
208/10	511 745	Transparent Sleeves	177 / 167 / 168	ASK 3MLD	355 329	48 VDC Grey	73
208/15	512 746	Transparent Sleeves	178 / 167 / 168	ASK 3MLD	355 510	110 VAC Beige	73
208/23	513 747	Transparent Sleeves	179 / 167 / 168	ASK 3MLD	355 519	110 VAC Grey	73
208/30	514 748	Transparent Sleeves	180 / 167 / 168	ASK 3MLD	355 520	110 VDC Beige	73
209/15	506 751	Transparent Sleeves	181 / 167 / 168	ASK 3MLD	355 529	110 VDC Grey	73
209/23	506 752	Transparent Sleeves	182 / 167 / 168	ASK 3MLD	355 610	220 VAC Beige	73
209/30	506 753	Transparent Sleeves	183 / 167 / 168	ASK 3MLD	355 619	220 VAC Grey	73
AD 1	467 910	PEK 2.5 K - AVK 2.5...10 (Beige)	186	ASK 3MLD	355 620	220 VDC Beige	73
AD 1	467 919	PEK 2.5 K - AVK 2.5...10 (Grey)	186	ASK 3MLD	355 629	220 VDC Grey	73
AD 2	467 950	PEK 2.5...10 (Beige)	186	ASK 4B	360 120	Beige	65
AD 3	468 050	AVK 16 RD (Beige)	186	ASK 4B	360 129	Grey	65
AD 3	468 059	AVK 16 RD (Grey)	186	ASK 4LD	351 710	24 VAC Beige	77
APP / AVK 16	462 160	AVK 16 (Grey)	21	ASK 4LD	351 719	24 VAC Grey	77
APP / AVK 16	462 161	AVK 16 (Blue)	21	ASK 4LD	351 720	24 VDC Beige	77
APP / AVK 16	462 162	AVK 16 (Green)	21	ASK 4LD	351 729	24 VDC Grey	77
APP / AVK 16	462 163	AVK 16 (Yellow)	21	ASK 4LD	351 730	48 VAC Beige	77
APP / AVK 16	462 164	AVK 16 (Red)	21	ASK 4LD	351 739	48 VAC Grey	77
APP / AVK 16	462 169	AVK 16 (Beige)	21	ASK 4LD	351 740	48 VDC Beige	77
APP / AVK 16 RD	462 170	AVK 16 RD (Grey)	22	ASK 4LD	351 749	48 VDC Grey	77
APP / AVK 16 RD	462 171	AVK 16 RD (Blue)	22	ASK 4LD	351 750	110 VAC Beige	77
APP / AVK 16 RD	462 172	AVK 16 RD (Green)	22	ASK 4LD	351 759	110 VAC Grey	77
APP / AVK 16 RD	462 173	AVK 16 RD (Yellow)	22	ASK 4LD	351 760	110 VDC Beige	77
APP / AVK 16 RD	462 174	AVK 16 RD (Red)	22	ASK 4LD	351 769	110 VDC Grey	77
APP / AVK 16 RD	462 179	AVK 16 RD (Beige)	22	ASK 4LD	351 770	220 VAC Beige	77
APP / AVK 2.5-10	462 120	AVK 2.5-10 (Grey)	20	ASK 4LD	351 779	220 VAC Grey	77
APP / AVK 2.5-10	462 121	AVK 2.5-10 (Blue)	20	ASK 4LD	351 780	220 VDC Beige	77
APP / AVK 2.5-10	462 122	AVK 2.5-10 (Green)	20	ASK 4LD	351 789	220 VDC Grey	77
APP / AVK 2.5-10	462 123	AVK 2.5-10 (Yellow)	20	ASK 45	351 120	Beige	76
APP / AVK 2.5-10	462 124	AVK 2.5-10 (Red)	20	ASK 45	351 129	Grey	76
APP / AVK 2.5-10	462 129	AVK 2.5-10 (Beige)	20	AVK 10	304 150	Grey	21
APP / AVK 35 RD	462 180	AVK 35 RD (Grey)	23	AVK 10	304 151	Blue	21
APP / AVK 35 RD	462 181	AVK 35 RD (Blue)	23	AVK 10	304 152	Green	21
APP / AVK 35 RD	462 182	AVK 35 RD (Green)	23	AVK 10	304 153	Yellow	21
APP / AVK 35 RD	462 183	AVK 35 RD (Yellow)	23	AVK 10	304 154	Red	21
APP / AVK 35 RD	462 184	AVK 35 RD (Red)	23	AVK 10	304 159	Beige	21
APP / AVK 35 RD	462 189	AVK 35 RD (Beige)	23	AVK 10 RD 4	304 280	Beige	29
ASK 2B	360 110	Beige	62	AVK 10 RD 4	304 289	Grey	29
ASK 2B	360 119	Grey	62	AVK 10 T RD 4	334 230	Earth Terminals	29
ASK 2LD	351 210	24 VAC Beige	72	AVK 150	304 350	Grey	43
ASK 2LD	351 219	24 VAC Grey	72	AVK 150B	304 310	Grey	46
ASK 2LD	351 220	24 VDC Beige	72	AVK 16	304 160	Grey	21
ASK 2LD	351 229	24 VDC Grey	72	AVK 16	304 161	Blue	21
ASK 2LD	351 310	48 VAC Beige	72	AVK 16	304 162	Green	21
ASK 2LD	351 319	48 VAC Grey	72	AVK 16	304 163	Yellow	21
ASK 2LD	351 320	48 VDC Beige	72	AVK 16	304 164	Red	21
ASK 2LD	351 329	48 VDC Grey	72	AVK 16	304 169	Beige	21
ASK 2LD	351 510	110 VAC Beige	72	AVK 16 RD	304 240	Grey	23
ASK 2LD	351 519	110 VAC Grey	72	AVK 16 RD	304 241	Blue	22
ASK 2LD	351 520	110 VDC Beige	72	AVK 16 RD	304 242	Green	22
ASK 2LD	351 529	110 VDC Grey	72	AVK 16 RD	304 243	Yellow	22
ASK 2LD	351 610	220 VAC Beige	72	AVK 16 RD	304 244	Red	22
ASK 2LD	351 619	220 VAC Grey	72	AVK 16 RD	304 249	Beige	22
ASK 2LD	351 620	220 VDC Beige	72	AVK 16T RD	334 200	Earth Terminals	25
ASK 2LD	351 629	220 VDC Grey	72	AVK 2.5 CC	324 900	Beige	27
ASK 2S	351 100	Beige	72	AVK 2.5 CC	324 909	Grey	27
ASK 2S	351 109	Grey	72	AVK 2.5 CCT	334 220	Earth Terminals	29
ASK 3A	353 100	Beige	62	AVK 2.5 CCA	324 930	Beige	63
ASK 3A	353 109	Grey	62	AVK 2.5 CCA	324 939	Grey	63
ASK 3F	354 100	Beige	74	AVK 2.5 CF	324 910	Beige	34
ASK 3F	354 109	Grey	74	AVK 2.5 CF	324 919	Grey	34
ASK 3FB	362 000	Beige	64	AVK 2.5 EA	324 940	Beige	63
ASK 3FB	362 009	Grey	64	AVK 2.5 EA	324 949	Grey	63
ASK 3FLD	354 210	24 VAC Beige	74	AVK 2.5 F	324 920	Beige	68
ASK 3FLD	354 219	24 VAC Grey	74	AVK 2.5 F	324 929	Grey	68
ASK 3FLD	354 220	24 VDC Beige	74	AVK 2.5	304 120	Grey	20
ASK 3FLD	354 229	24 VDC Grey	74	AVK 2.5	304 121	Blue	20
ASK 3FLD	354 310	48 VAC Beige	74	AVK 2.5	304 122	Green	20
ASK 3FLD	354 319	48 VAC Grey	74	AVK 2.5	304 123	Yellow	20
ASK 3FLD	354 320	48 VDC Beige	74	AVK 2.5	304 124	Red	20
ASK 3FLD	354 329	48 VDC Grey	74	AVK 2.5	304 129	Beige	20
ASK 3FLD	354 510	110 VAC Beige	74	AVK 2.5 RD	304 200	Grey	26
ASK 3FLD	354 519	110 VAC Grey	74	AVK 2.5 RD	304 201	Blue	26
ASK 3FLD	354 520	110 VDC Beige	74	AVK 2.5 RD	304 202	Green	26
ASK 3FLD	354 529	110 VDC Grey	74	AVK 2.5 RD	304 203	Yellow	26
ASK 3FLD	354 610	220 VAC Beige	74	AVK 2.5 RD	304 204	Red	26
ASK 3FLD	354 619	220 VAC Grey	74	AVK 2.5 RD	304 205	Black	26
ASK 3FLD	354 620	220 VDC Beige	74	AVK 2.5 RD	304 206	White	26
ASK 3FLD	354 629	220 VDC Grey	74	AVK 2.5 RD	304 207	Orange	26

Type	Cat. No.		Page
AVK 2,5 RD	304 208	Brown	26
AVK 2,5 RD	304 209	Beige	26
AVK 2,5 T RD	334 170	Earth Terminals	28
AVK 2,5/4T	334 120	Earth Terminals	24
AVK 240	304 360	Grey	43
AVK 240B	304 320	Grey	47
AVK 25 RD	304 290	Grey	22
AVK 25 RD	304 291	Blue	22
AVK 25 RD	304 292	Green	22
AVK 25 RD	304 293	Yellow	22
AVK 25 RD	304 294	Red	22
AVK 25 RD	304 299	Beige	22
AVK 35 I RD	304 260	Grey	23
AVK 35 I RD	304 261	Blue	23
AVK 35 I RD	304 262	Green	23
AVK 35 I RD	304 263	Yellow	23
AVK 35 I RD	304 264	Red	23
AVK 35 I RD	304 265	Beige	23
AVK 35 RD	304 250	Grey	23
AVK 35 RD	304 251	Blue	23
AVK 35 RD	304 252	Green	23
AVK 35 RD	304 253	Yellow	23
AVK 35 RD	304 254	Red	23
AVK 35 RD	304 259	Beige	23
AVK 35T RD	334 210	Earth Terminals	25
AVK 4	304 130	Grey	20
AVK 4	304 131	Blue	20
AVK 4	304 132	Green	20
AVK 4	304 133	Yellow	20
AVK 4	304 134	Red	20
AVK 4	304 139	Beige	20
AVK 4 GD	304 270	Grey	27
AVK 4 GD	304 279	Beige	27
AVK 4 RD	304 210	Grey	26
AVK 4 RD	304 211	Blue	26
AVK 4 RD	304 212	Green	26
AVK 4 RD	304 213	Yellow	26
AVK 4 RD	304 214	Red	26
AVK 4 RD	304 215	Black	26
AVK 4 RD	304 216	White	26
AVK 4 RD	304 217	Orange	26
AVK 4 RD	304 218	Brown	26
AVK 4 RD	304 219	Beige	26
AVK 4 T RD	334 180	Earth Terminals	28
AVK 4C	325 100	Beige	27
AVK 4C	325 109	Grey	27
AVK 4FS	353 300	Beige	75
AVK 4FS	353 309	Grey	75
AVK 50	304 330	Grey	42
AVK 50	304 331	Blue	42
AVK 50	304 332	Green	42
AVK 50	304 333	Yellow	42
AVK 50	304 334	Red	42
AVK 50	304 339	Beige	42
AVK 50 T	334 190	Earth Terminals	25
AVK 6	304 140	Grey	21
AVK 6	304 141	Blue	21
AVK 6	304 142	Green	21
AVK 6	304 143	Yellow	21
AVK 6	304 144	Red	21
AVK 6	304 149	Beige	21
AVK 6/10T	334 140	Earth Terminals	24
AVK 70 RD	304 490	Beige	42
AVK 70 RD	304 499	Grey	42
AVK 95	304 340	Grey	43
AVK 95B	304 300	Grey	46
AVK PB 150	304 470	Grey	45
AVK PB 240	304 480	Grey	45
AVK PB 50	304 440	Grey	44
AVK PB 70 RD	304 450	Grey	44
AVK PB 95	304 460	Grey	45
AVK SKT	498 750	Beige	35
AVK SKT	498 759	Grey	35
AVK SKTD	498 850	Beige	35
AVK SKTD	498 859	Grey	35
AVK/EK6	304 370	AVK 95 / AVK 150 / AVK 240	43
AYK 10/16	395 100	AYK (Beige)	70
AYK 10/16	395 200	AYK (Beige)	70
AYK 10/16	395 220	AYK (Beige)	70
AYK 10/16	395 230	AYK (Beige)	70
AYK 10/16	395 240	AYK (Beige)	70
AYK 10/16	395 250	AYK (Beige)	70
Start Set	807 030		153
BEK 5	508 704	Push Button Tag Holders	171
BEK T	508 705	Push Button Tag Holders	171
BIK 1	400 110	Clamping Yokes	146
BIK 2	400 120	Clamping Yokes	146
BIK 3	400 130	Clamping Yokes	146
BIK 4	400 140	Clamping Yokes	146

Type	Cat. No.		Page
BIK 5	400 150	Clamping Yokes	146
BK 10	525 362	Clamping Yokes	147
BK 35	525 363	Clamping Yokes	147
BK 35	525 363	Clamping Yokes	147
BK 4	525 361	Clamping Yokes	147
BK 4	525 362	Clamping Yokes	147
BM	528 110	Busbar Support Block	147
BUK 2,5/3	425 235	Junction Box Terminals	144
BUK 2,5/4	425 245	Junction Box Terminals	144
BUK 2,5/5	425 255	Junction Box Terminals	144
DB 10/5	505 910	Without Print	157 / 161 / 165
DB 10/6	505 915	Without Print	157 / 161 / 165
DB 10/6,5	505 920	Without Print	157 / 161 / 165
DB 4	503 000	Without Print	156 / 158
DB 5	505 850	Without Print	157 / 161 / 164
DG 10/5	505 310	Without Print	154 / 158 / 162
DG 10/5 T	505 380	Without Print	154 / 159 / 162
DG 10/6	505 320	Without Print	155 / 159 / 163
DG 10/6 T	505 390	Without Print	155 / 159 / 163
DG 10/8	505 410	Without Print	155 / 160 / 163
DG 10x10	505 430	Without Print	156 / 160 / 164
DG 6/5	505 330	Without Print	155 / 159 / 163
DG 7/5	505 340	TRV Without Print	172
DY 10/6,5	505 201	1-10	172
DY 10/6,5	505 202	11-20	172
DY 10/6,5	505 203	21-30	172
DY 10/6,5	505 204	31-40	172
DY 10/6,5	505 205	41-50	172
DY 10/6,5	505 206	51-60	172
DY 10/6,5	505 207	61-70	172
DY 10/6,5	505 208	71-80	172
DY 10/6,5	505 209	81-90	172
DY 10/6,5	505 210	91-100	172
DY 5	505 000	0	172
DY 5	505 001	1	172
DY 5	505 002	2	172
DY 5	505 003	3	172
DY 5	505 004	4	172
DY 5	505 005	5	172
DY 5	505 006	6	172
DY 5	505 007	7	172
DY 5	505 008	8	172
DY 5	505 009	9	172
DY 5	505 010	10	172
DY 5	505 020	1-10	172
DY 5	505 021	11-20	172
DY 5	505 022	21-30	172
DY 5	505 023	31-40	172
DY 5	505 024	41-50	172
DY 5	505 030	10-100	172
DY 5	505 040	1-50	172
DY 5	505 041	51-100	172
DY 5	505 042	101-150	172
DY 5	505 043	151-200	172
DY 5	505 044	201-250	172
DY 5	505 045	251-300	172
DY 5	505 046	301-350	172
DY 5	505 047	351-400	172
DY 5	505 048	401-450	172
DY 5	505 049	451-500	172
DY 5	505 050	501-550	172
DY 5	505 051	551-600	172
DY 5	505 052	601-650	172
DY 5	505 053	651-700	172
DY 5	505 054	701-750	172
DY 5	505 055	751-800	172
DY 5	505 056	801-850	172
DY 5	505 057	851-900	172
DY 5	505 058	901-950	172
DY 5	505 059	951-999	172
DY 5	505 060	A	172
DY 5	505 061	B	172
DY 5	505 062	C	172
DY 5	505 063	D	172
DY 5	505 064	E	172
DY 5	505 065	F	172
DY 5	505 066	G	172
DY 5	505 067	H	172
DY 5	505 068	I	172
DY 5	505 069	J	172
DY 5	505 070	K	172
DY 5	505 071	L	172
DY 5	505 072	M	172
DY 5	505 073	N	172
DY 5	505 074	O	172
DY 5	505 075	P	172
DY 5	505 076	Q	172
DY 5	505 077	R	172
DY 5	505 078	S	172

Type	Cat. No.		Page	Type	Cat. No.		Page
DY 5	505 079	T	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - MYPK 2,5	197
DY 5	505 080	U	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - MYSK 2,5	197
DY 5	505 081	V	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PIK 2,5N	197
DY 5	505 082	W	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PUK 2T	197
DY 5	505 083	x	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PUK 3	197
DY 5	505 084	Y	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PUK 3S	197
DY 5	505 085	Z	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PUK 3S	197
DY 5	505 090	L1	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PUK 3T	197
DY 5	505 091	L2	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5	197
DY 5	505 092	L3	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5-2F	197
DY 5	505 093	RSTN	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5-2FT	197
DY 5	505 094	Mp	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5-3F	197
DY 5	505 095	+	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5-3FT	197
DY 5	505 096	-	172	ITK 2 (0,5 x 3)	561 020	Screwdriver - PYK 2,5T	197
DY 5	505 097	±	172	ITK 28 (Q4)	492 010	Test Plug / Test Plug Socket	197
EKI - 0,5 mm 90	807 067	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - ASK 2S	197
EKI - Set	807 066		175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - ASK 3A	197
EKI-0,2mm 15	807 060	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - ASK 3F	197
EKI-0,3mm 15	807 061	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - ASK 3M	197
EKI-0,4mm 15	807 062	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - ASK 4S	197
EKI-0,4mm 90	807 079	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5	197
EKI-0,5mm 15	807 063	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5 RD	197
EKI-0,7mm 15	807 064	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5/4T	197
EKI-0,7mm 90	807 068	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5CC	197
EKI-1,0mm 15	807 065	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5CCT	197
EKI-1,0mm 90	807 069	Engraver Needles	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 2,5T RD	197
Pilot Hand Pen	807 055		152	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 4	197
	807 907	Buton Pen	152	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 4 RD	197
	807 908	Adaptor Pilot Pen	152	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 4C	197
ETS2 PYK 2,5	498 210	Group Marking Carrier (Beige)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - AVK 4T RD	197
ETS2 PYK 2,5	498 217	Group Marking Carrier (Orange)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - MVK 4	197
ETS2 PYK 2,5	498 219	Group Marking Carrier (Grey)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - MVK 4T	197
ETS2 PYK 4	498 230	Group Marking Carrier (Beige)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PCY 2,5	197
ETS2 PYK 4	498 237	Group Marking Carrier (Orange)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PCY 2,5E	197
ETS2 PYK 4	498 239	Group Marking Carrier (Grey)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PIK 4N	197
ETS3 PYK 2,5	498 220	Group Marking Carrier (Beige)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4	197
ETS3 PYK 2,5	498 227	Group Marking Carrier (Orange)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4-2F	197
ETS3 PYK 2,5	498 229	Group Marking Carrier (Grey)	181	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4E	197
EVT-T	807 020	Vacuum Cleaning Bag	175	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4I (6,35x31,75)	197
GE	496 110	Beige	185	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4S (5x20)	197
GE	496 119	Grey	185	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4S (5x25)	197
GE 1	496 210	White	185	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - PYK 4T	197
GE 2	496 250	Group Markers	185	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - TRV 4	197
GE 3	496 255	Group Markers	185	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - TRV 4B	197
HATAT	807 000		150	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - TRV 4M	197
IBK 10	525 372	Blue	147	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - TRV 4S	197
IBK 10	525 382	Green - Yellow	148	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - TRV 4T	197
IBK 35	525 373	Blue	147	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5	197
IBK 35	525 383	Green - Yellow	148	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5 A	197
IBK 4	525 371	Blue	147	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5 Cx2	197
IBK 4	525 381	Green - Yellow	148	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5 ET	197
IKFD-1288	595 010	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5-2F	197
IKFD-1488	595 011	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5-2FT	197
IKFD-1638	595 012	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5-3F	197
IKFD-2488	595 020	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5-3FT	197
IKFD-2638	595 021	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5-3S	197
IKFD-5638	595 030	Insulated Terminal	195	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5C	197
IKY 0.50/8	570 010	Orange	196	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5CT	197
IKY 0.75/8	570 020	White	196	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5E	197
IKY 1.0/8	570 030	Yellow	196	ITK 3 (0,6 x 3,5)	561 030	Screwdriver - YBK 2,5T	197
IKY 1.5/8	570 040	Red	196	ITK 32 (Q4)	492 020	Test Plug	197
IKY 10/12	570 080	Ivory	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - AVK / EK6	197
IKY 16/12	570 090	Green	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - AVK 10	197
IKY 2,5/8	570 050	Blue	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - AVK 6	197
IKY 25/16	570 100	Brown	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - AVK 6/10T	197
IKY 2x0.50	572 010	Orange	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - KD 3	197
IKY 2x0.75	572 020	White	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - PYK 10	197
IKY 2x1.0	572 030	Yellow	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - PYK 10T	197
IKY 2x1.5	572 040	Red	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - PYK 6	197
IKY 2x10	572 080	Ivory	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - PYK 6T	197
IKY 2x16	572 090	Green	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - TSK 10	197
IKY 2x2.5	572 050	Blue	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - WGL 1	197
IKY 2x4	572 060	Grey	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - WGO 1	197
IKY 2x6	572 070	Black	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - WGO 2	197
IKY 35/25	570 110	Beige	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - WGO 3	197
IKY 4.0/9	570 060	Grey	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 10	197
IKY 50/20	570 120	Olive Green	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 10T	197
IKY 6.0/12	570 070	Black	196	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 6	197
IP 2	498 140	White	190	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 6T	197
IP 2S	498 130	White	190	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 1	197
IP 3	498 145	Warning Label	190	ITK 4 (0,8 x 4)	561 040	Screwdriver - YBK 5	197
IP 3S	498 143	Warning Label	190	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 16	197
IP 4	498 170	Warning Label	190	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 16 RD	197
IP 4S	498 160	Warning Label	190	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 16/35T	197
ITK 2 (0,5 x 3)	561 020	Screwdriver - AVK 4FS	197	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 16T RD	197
ITK 2 (0,5 x 3)	561 020	Screwdriver - MVK 2,5	197	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 3S	197
ITK 2 (0,5 x 3)	561 020	Screwdriver - MVK 2,5T	197	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 3S I RD	197
ITK 2 (0,5 x 3)	561 020	Screwdriver - MYK 2,5	197	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 3S RD	197
ITK 2 (0,5 x 3)	561 020	Screwdriver - MYK 2,5T	197	ITK 5 (1 x 5,5)	561 050	Screwdriver - AVK 35T RD	197

Type	Cat. No.		Page
ITK 5 (1 x 5,5)	561 050	Screwdriver - KD 6	197
ITK 5 (1 x 5,5)	561 050	Screwdriver - KD 6A	197
ITK 5 (1 x 5,5)	561 050	Screwdriver - KD 6T	197
ITK 5 (1 x 5,5)	561 050	Screwdriver - TRV 10	197
ITK 5 (1 x 5,5)	561 050	Screwdriver - WGD 1	197
IZUK 10/10	476 409	IZUK 10/10 WGO 2N	66
IZUK 10/2	476 402	IZUK 10/2 WGO 2N	66
IZUK 10/3	476 403	IZUK 10/3 WGO 2N	66
IZUK 10/4	476 404	IZUK 10/4 WGO 2N	66
IZUK 10/6	476 406	IZUK 10/6 WGO 2N	66
IZUK 10W/10	476 509	IZUK 10W/10 WGO 2IR	67
IZUK 10W/2	476 502	IZUK 10W/2 WGO 2IR	67
IZUK 10W/3	477 503	IZUK 10W/3 WGO 2IR	67
IZUK 10W/4	478 504	IZUK 10W/4 WGO 2IR	67
IZUK 10W/6	479 506	IZUK 10W/6 WGO 2IR	67
IZUK 6/10	476 309	IZUK 6/10 WGO 1 - WGL 1 - WGO3	66
IZUK 6/2	476 302	IZUK 6/2 WGO 1 - WGL 1 - WGO3	66
IZUK 6/3	476 303	IZUK 6/3 WGO 1 - WGL 1 - WGO3	66
IZUK 6/4	476 304	IZUK 6/4 WGO 1 - WGL 1 - WGO3	66
IZUK 6/6	476 306	IZUK 6/6 WGO 1 - WGL 1 - WGO3	66
K 1	510 110	Cable Clamps	170
K 2	510 120	Cable Clamps	170
K 3	510 130	Cable Clamps	170
KBE 1	520 110	Cable Tags	170
KBE 2	520 120	Cable Tags	170
KBE 3	508 080	Cable Tags	170
KCK-301	591 010	Insulated Terminal (Fork Type)	194
KCK-351	591 011	Insulated Terminal (Fork Type)	194
KCK-352	591 021	Insulated Terminal (Fork Type)	194
KCK-401	591 012	Insulated Terminal (Fork Type)	194
KCK-402	591 022	Insulated Terminal (Fork Type)	194
KCK-406	591 030	Insulated Terminal (Fork Type)	194
KCK-501	591 013	Insulated Terminal (Fork Type)	194
KCK-502	591 023	Insulated Terminal (Fork Type)	194
KCK-506	591 031	Insulated Terminal (Fork Type)	194
KCK-601	591 014	Insulated Terminal (Fork Type)	194
KCK-602	591 024	Insulated Terminal (Fork Type)	194
KCK-606	591 032	Insulated Terminal (Fork Type)	194
KD 3	495 040	MR 35 (Beige)	184
KD 3	495 049	MR 35 (Grey)	184
KD 4	495 050	MR 35 (Beige)	184
KD 4	495 059	MR 35 (Grey)	184
KD 5	495 060	MR 15 (Beige)	184
KD 5	495 069	MR 15 (Grey)	184
KD 6	495 090	MR 35 (Beige)	184
KD 6	495 099	MR 35 (Grey)	184
KD 6A	495 100	MR 35 (Beige)	184
KD 6A	495 109	MR 35 (Grey)	184
KD 6A Cover	498.190	Cover for KD 6A	186
KD 6A Cover	498.199	Cover for KD 6A	186
KD 6A PIM	495 100	Sealing Pin for KD 6A	186
KD 6A PIM	495 109	Sealing Pin for KD 6A	186
KD 6T	495 200	MR 35 (Beige)	185
KD 6T	495 209	MR 35 (Grey)	185
KD 7	495 210	MR 35 (Beige)	185
KD 7	495 219	MR 35 (Grey)	185
KE 1	517 000	0	173
KE 1	517 001	1	173
KE 1	517 002	2	173
KE 1	517 003	3	173
KE 1	517 004	4	173
KE 1	517 005	5	173
KE 1	517 006	6	173
KE 1	517 007	7	173
KE 1	517 008	8	173
KE 1	517 009	9	173
KE 1	517 010	A	173
KE 1	517 011	B	173
KE 1	517 012	C	173
KE 1	517 013	D	173
KE 1	517 014	E	173
KE 1	517 015	F	173
KE 1	517 016	G	173
KE 1	517 017	H	173
KE 1	517 018	I	173
KE 1	517 019	J	173
KE 1	517 020	K	173
KE 1	517 021	L	173
KE 1	517 022	M	173
KE 1	517 023	N	173
KE 1	517 024	O	173
KE 1	517 025	P	173
KE 1	517 026	Q	173
KE 1	517 027	R	173
KE 1	517 028	S	173
KE 1	517 029	T	173
KE 1	517 030	U	173
KE 1	517 031	V	173
KE 1	517 032	W	173

Type	Cat. No.		Page
KE 1	517 033	x	173
KE 1	517 034	Y	173
KE 1	517 035	Z	173
KE 1	517 040	Mp	173
KE 1	517 043	+	173
KE 1	517 044	-	173
KE 1	517 045	⊥	173
KE 1	517 046	(	173
KE 1	517 047	.	173
KE 1	517 048	/	173
KE 2	518 000	0	173
KE 2	518 001	1	173
KE 2	518 002	2	173
KE 2	518 003	3	173
KE 2	518 004	4	173
KE 2	518 005	5	173
KE 2	518 006	6	173
KE 2	518 007	7	173
KE 2	518 008	8	173
KE 2	518 009	9	173
KE 2	518 010	A	173
KE 2	518 011	B	173
KE 2	518 012	C	173
KE 2	518 013	D	173
KE 2	518 014	E	173
KE 2	518 015	F	173
KE 2	518 016	G	173
KE 2	518 017	H	173
KE 2	518 018	I	173
KE 2	518 019	J	173
KE 2	518 020	K	173
KE 2	518 021	L	173
KE 2	518 022	M	173
KE 2	518 023	N	173
KE 2	518 024	O	173
KE 2	518 025	P	173
KE 2	518 026	Q	173
KE 2	518 027	R	173
KE 2	518 028	S	173
KE 2	518 029	T	173
KE 2	518 030	U	173
KE 2	518 031	V	173
KE 2	518 032	W	173
KE 2	518 033	x	173
KE 2	518 034	Y	173
KE 2	518 035	Z	173
KE 2	518 040	Mp	173
KE 2	518 043	+	173
KE 2	518 044	-	173
KE 2	518 045	⊥	173
KE 2	518 046	(	173
KE 2	518 047	.	173
KE 2	518 048	/	173
KE 3	519 000	0	173
KE 3	519 001	1	173
KE 3	519 002	2	173
KE 3	519 003	3	173
KE 3	519 004	4	173
KE 3	519 005	5	173
KE 3	519 006	6	173
KE 3	519 007	7	173
KE 3	519 008	8	173
KE 3	519 009	9	173
KE 3	519 010	A	173
KE 3	519 011	B	173
KE 3	519 012	C	173
KE 3	519 013	D	173
KE 3	519 014	E	173
KE 3	519 015	F	173
KE 3	519 016	G	173
KE 3	519 017	H	173
KE 3	519 018	I	173
KE 3	519 019	J	173
KE 3	519 020	K	173
KE 3	519 021	L	173
KE 3	519 022	M	173
KE 3	519 023	N	173
KE 3	519 024	O	173
KE 3	519 025	P	173
KE 3	519 026	Q	173
KE 3	519 027	R	173
KE 3	519 028	S	173
KE 3	519 029	T	173
KE 3	519 030	U	173
KE 3	519 031	V	173
KE 3	519 032	W	173
KE 3	519 033	x	173
KE 3	519 034	Y	173
KE 3	519 035	Z	173

Type	Cat. No.		Page	Type	Cat. No.		Page
KE 3	519 040	Mp	173	KG 2	516 023	N	173
KE 3	519 043	+	173	KG 2	516 024	O	173
KE 3	519 044	-	173	KG 2	516 025	P	173
KE 3	519 045	⊥	173	KG 2	516 026	Q	173
KE 3	519 046	(	173	KG 2	516 027	R	173
KE 3	519 047	.	173	KG 2	516 030	U	173
KE 3	519 048	/	173	KG 2	516 031	V	173
KEB1	519 51x	Without Print	173	KG 2	516 032	W	173
KEB2	519 52x	Without Print	173	KG 2	516 033	x	173
KEB3	519 53x	Without Print	173	KG 2	516 034	Y	173
KFD-1288	593 010	Insulated Terminal (Female Disconnect)	194	KG 2	516 035	Z	173
KFD-1488	593 011	Insulated Terminal (Female Disconnect)	194	KG 2	516 040	Mp	173
KFD-1638	593 012	Insulated Terminal (Female Disconnect)	194	KG 2	516 041	S	173
KFD-2488	593 020	Insulated Terminal (Female Disconnect)	194	KG 2	516 042	T	173
KFD-2638	593 021	Insulated Terminal (Female Disconnect)	194	KG 2	516 043	+	173
KFD-5638	593 030	Insulated Terminal (Female Disconnect)	194	KG 2	516 044	-	173
KFE-1288	594 010	Insulated Terminal	195	KG 2	516 045	⊥	173
KFE-1488	594 011	Insulated Terminal	195	KG 2	516 046	(	173
KFE-1638	594 012	Insulated Terminal	195	KG 2	516 047	.	173
KFE-2488	594 020	Insulated Terminal	195	KG 2	516 048	/	173
KFE-2638	594 021	Insulated Terminal	195	KG1	515 048	.	173
KFE-5638	594 030	Insulated Terminal	195	KG2	516 000	/	173
KFT-1040	599 010	Insulated Terminal	195	KIK 1/1.5	592 010	Insulated Terminal (Pinconnectors)	194
KFT-2050	599 020	Insulated Terminal	195	KIK 1/2.5	592 020	Insulated Terminal (Pinconnectors)	194
KFT-5050	599 030	Insulated Terminal	195	KIK 6	592 030	Insulated Terminal (Pinconnectors)	194
KG 1	515 000	0	173	KIP 10 W	508 001	Without Print	166
KG 1	515 001	1	173	KIP 10 Y	508 002	Without Print	166
KG 1	515 002	2	173	KIP 15 W	508 003	Without Print	166
KG 1	515 003	3	173	KIP 15 Y	508 004	Without Print	166
KG 1	515 004	4	173	KIP 18 W	508 012	Without Print	167
KG 1	515 005	5	173	KIP 18 Y	508 013	Without Print	167
KG 1	515 006	6	173	KIP 23 W	508 005	Without Print	167
KG 1	515 007	7	173	KIP 23 Y	508 006	Without Print	167
KG 1	515 008	8	173	KIP 30 W	508 008	Without Print	168
KG 1	515 009	9	173	KIP 30 Y	508 009	Without Print	168
KG 1	515 010	A	173	KKB	553 405	Cable Clamp	188
KG 1	515 011	B	173	KKB 150	466 110	Grey/ Grey	46
KG 1	515 012	C	173	KKB 240	466 120	Grey/ Grey	47
KG 1	515 013	D	173	KKB 95	466 100	Grey/ Grey	46
KG 1	515 014	E	173	KKC 1006	551 021	100x60 Wiring Duct	189
KG 1	515 015	F	173	KKC 1008	551 022	100x80 Wiring Duct	189
KG 1	515 016	G	173	KKC 1206	551 023	120x60 Wiring Duct	189
KG 1	515 017	H	173	KKC 1208	551 024	120x80 Wiring Duct	189
KG 1	515 018	I	173	KKC 2530	551 010	25x30 Wiring Duct	189
KG 1	515 019	J	173	KKC 2540	551 011	25x40 Wiring Duct	189
KG 1	515 020	K	173	KKC 2560	551 012	25x60 Wiring Duct	189
KG 1	515 021	L	173	KKC 4040	551 013	40x40 Wiring Duct	189
KG 1	515 022	M	173	KKC 4060	551 014	40x60 Wiring Duct	189
KG 1	515 023	N	173	KKC 4080	551 015	40x80 Wiring Duct	189
KG 1	515 024	O	173	KKC 6040	551 016	60x40 Wiring Duct	189
KG 1	515 025	P	173	KKC 6060	551 017	60x60 Wiring Duct	189
KG 1	515 026	Q	173	KKC 6080	551 018	60x80 Wiring Duct	189
KG 1	515 027	R	173	KKC 8060	551 019	80x60 Wiring Duct	189
KG 1	515 030	U	173	KKC 8080	551 020	80x80 Wiring Duct	189
KG 1	515 031	V	173	KKK 100	551 054	100mm Wiring Duct Cover	189
KG 1	515 032	W	173	KKK 120	551 055	120mm Wiring Duct Cover	189
KG 1	515 033	x	173	KKK 25	551 050	25mm Wiring Duct Cover	189
KG 1	515 034	Y	173	KKK 40	551 051	40mm Wiring Duct Cover	189
KG 1	515 035	Z	173	KKK 60	551 052	60mm Wiring Duct Cover	189
KG 1	515 040	Mp	173	KKK 80	551 053	80mm Wiring Duct Cover	189
KG 1	515 041	S	173	KKM	553 415	Cable Holder	189
KG 1	515 042	T	173	KKS 10 / 1,5-2,5	506 710	Transparent Sleeves	166 / 167 / 168
KG 1	515 043	+	173	KKS 10 / 16-25	506 725	Transparent Sleeves	166 / 167 / 168
KG 1	515 044	-	173	KKS 10 / 2,5-4	506 715	Transparent Sleeves	166 / 167 / 168
KG 1	515 045	⊥	173	KKS 10 / 6-10	506 720	Transparent Sleeves	166 / 167 / 168
KG 1	515 046	(	173	KKS 15 / 1,5-2,5	506 711	Transparent Sleeves	166 / 167 / 168
KG 1	515 047	.	173	KKS 15 / 16-25	506 726	Transparent Sleeves	166 / 167 / 168
KG 2	516 001	1	173	KKS 15 / 2,5-4	506 716	Transparent Sleeves	166 / 167 / 168
KG 2	516 002	2	173	KKS 15 / 6-10	506 721	Transparent Sleeves	166 / 167 / 168
KG 2	516 003	3	173	KKS 18 / 1,5-2,5	506 714	Transparent Sleeves	166 / 167 / 168
KG 2	516 004	4	173	KKS 18 / 16-25	506 729	Transparent Sleeves	166 / 167 / 168
KG 2	516 005	5	173	KKS 18 / 2,5-4	506 719	Transparent Sleeves	166 / 167 / 168
KG 2	516 006	6	173	KKS 18 / 6-10	506 724	Transparent Sleeves	166 / 167 / 168
KG 2	516 007	7	173	KKS 23 / 1,5-2,5	506 712	Transparent Sleeves	166 / 167 / 168
KG 2	516 008	8	173	KKS 23 / 16-25	506 727	Transparent Sleeves	166 / 167 / 168
KG 2	516 009	9	173	KKS 23 / 2,5-4	506 717	Transparent Sleeves	166 / 167 / 168
KG 2	516 010	A	173	KKS 23 / 6-10	506 722	Transparent Sleeves	166 / 167 / 168
KG 2	516 011	B	173	KKS 30 / 1,5-2,5	506 713	Transparent Sleeves	166 / 167 / 168
KG 2	516 012	C	173	KKS 30 / 16-25	506 728	Transparent Sleeves	166 / 167 / 168
KG 2	516 013	D	173	KKS 30 / 2,5-4	506 718	Transparent Sleeves	166 / 167 / 168
KG 2	516 014	E	173	KKS 30 / 6-10	506 723	Transparent Sleeves	166 / 167 / 168
KG 2	516 015	F	173	KKT 25	553 315	Wiring Retainer	189
KG 2	516 016	G	173	KKT 40	553 325	Wiring Retainer	189
KG 2	516 017	H	173	KKT 60	553 335	Wiring Retainer	189
KG 2	516 018	I	173	Klemark Thermal Printer	1020 000		180
KG 2	516 019	J	173	Ribbon for Klemark Printer	1020 010		180
KG 2	516 020	K	173	Marking Strip for Klemark Printer	1020 100		180
KG 2	516 021	L	173	KLM 300x200 mm S/B SA	808 200		178
KG 2	516 022	M	173	KLM 300x200 mm W/B SA	808 201		178

Type	Cat. No.	Page
KLM- RE D= 25 G/B SL 1x2,5 mm	808 057	178
KLM- RE D=25 S/B SL 1x2,5 mm MS 1,5	808 056	178
KLM- RE D=25 W/B SA 1x3 mm	808 054	178
KLM- RE D=25 W/B SL 1x3 mm	808 055	178
KLM-10x25 W/B SA	808 001	176
KLM-10x30 S/B SA	808 002	176
KLM-120x35 G/B SA	808 053	178
KLM-120x35 S/B RND SA	808 052	178
KLM-120x35 S/B SA	808 051	176
KLM-14x45 S/B SA	808 003	176
KLM-14x45 W/B SA	808 004	176
KLM-17x6 S/B SA	808 005	176
KLM-17x9 S/B RND SA	808 007	176
KLM-17x9 W/B RND SA	808 008	176
KLM-17x9 Y/B SA	808 006	176
KLM-18x9 S/B RND SA	808 009	176
KLM-18x9 W/B RND SA	808 010	176
KLM-19x45 G/B RND SA	808 012	176
KLM-19x45 S/B RND SA	808 011	176
KLM-19x45 W/B RND SA	808 013	176
KLM-22x22 G/B RND SA	808 015	176
KLM-22x22 S/B RND SA	808 014	176
KLM-22x22 W/B RND SA	808 016	176
KLM-25x60 W/B RND SA	808 017	176
KLM-27x12 W/B RND SA 1x3,2mm	808 025	177
KLM-27x12 W/B SA	808 018	177
KLM-27x12 W/B SA 2x3mm	808 019	177
KLM-27x12,5 G/B RND SA	808 023	177
KLM-27x12,5 S/B RND SA	808 021	177
KLM-27x12,5 S/B SA	808 022	177
KLM-27x12,5 S/B SB BRS. RND SA	808 020	177
KLM-27x12,5 W/B RND SA	808 024	177
KLM-27x12,5 W/B SA	808 026	177
KLM-27x18 G/B RND SA	808 033	177
KLM-27x18 G/B SA	808 034	177
KLM-27x18 R/W SA	808 028	177
KLM-27x18 S/B BRS. RND SA	808 029	177
KLM-27x18 S/B RND SA	808 030	177
KLM-27x18 S/B RND SA SL	808 031	177
KLM-27x18 S/B SA	808 032	177
KLM-27x18 W/B RND SA	808 035	177
KLM-27x18 W/B SA	808 036	177
KLM-27x18 Y/B SA	808 027	177
KLM-27x27 S/B RND SA	808 037	177
KLM-27x27 W/B RND SA	808 038	177
KLM-30x15 S/B RND SA 2x3mm	808 039	177
KLM-30x15 S/B SA	808 040	177
KLM-30x15 W/B RND SA 2x3mm	808 041	177
KLM-30x15 W/B SA	808 042	177
KLM-35x20 W/B SA	808 044	177
KLM-35x20 W/B SL	808 043	177
KLM-70x35 G/B RND SA	808 047	178
KLM-70x35 S/B RND SA	808 046	178
KLM-70x35 S/B SL 2x2,6 mm	808 045	178
KLM-70x35 W/B RND SA 2x3 mm	808 048	178
KLM-95x45 S/B SA	808 049	178
KLM-95x45 W/B SA	808 050	178
KLM-9x26 S/B SA	808 000	176
KLM-ALU 30x15 RND 2x2,2mm	808 104	179
KLM-ALU 30x15 S RND SR 2x2,2mm	808 100	179
KLM-ALU 30x15 S RND SR 2x4mm	808 101	179
KLM-ALU 40x15 S SL	808 107	179
KLM-ALU 40x15 S SL RND 2x2,5mm	808 108	179
KLM-ALU 55x20 S SL	808 105	179
KLM-ALU 55x20 S SL 2x2,5 mm	808 106	179
KLM-ALU RE D=25 B SL 1x3,2 mm	808 103	179
KLM-ALU RE D=25 S SL 1x3,2 mm	808 102	179
KLM-LZ- 901 B/W	808 300	179
KLM-LZ-902 W/B	808 301	179
KLM-LZ-903 R/W	808 302	179
KLM-LZ-906 Y/B	808 303	179
KLM-LZ-916 W/R	808 305	179
KLM-LZ-933 Y/B	808 304	179
KLM-LZ-992 GL/B	808 307	179
KLM-LZ-993 S/B	808 306	179
KLM-LZR-901 B	808 350	179
KLM-LZR-906 Y	808 351	179
KLM-PLY2-200 W/B	808 250	178
KLM-PLY2-200 W/B	808 251	178
KLM-PLY2-210 B/W	808 256	178
KLM-PLY2-234 Y/R	808 252	178
KLM-PLY2-235 Y/B	808 253	178
KLM-PLY2-236 SY/B	808 254	178
KLM-PLY2-248 R/W	808 259	178
KLM-PLY2-277 O/W	808 255	178
KLM-PLY2-281 GS/B	808 257	178
KLM-PLY2-282 GGL/B	808 258	178
KLM-PS (A3)	807 010	150
KLM-PS (A3) Set	807 008	150

Type	Cat. No.	Page
KLM-PS (A4)	807 009	150
KLM-PS (A4) Set	807 007	150
KLM-PS (A4) (A4) Pen Plotter Carrying Bag	807 015	153
KLM-PS A3 Adhesive Engraving Plate	807 029	174
KLM-PS Service Kit	807 012	153
KLM-PS Engraver Set	807 011	174
KME-251	597 010	Insulated Terminal 195
KME-252	597 020	Insulated Terminal 195
KME-256	597 030	Insulated Terminal 195
KMT-1040	598 010	Insulated Terminal 195
KMT-2050	598 020	Insulated Terminal 195
KMT-5050	598 030	Insulated Terminal 195
KOIP SM W	508 051	169
KOIP TTW	508 057	169
KPB-1638	596 010	Insulated Terminal 195
KPB-2638	596 020	Insulated Terminal 195
KPB-5638	596 030	Insulated Terminal 195
KR 1	510 500	Cable Clamp Rail 170
KT 3 (0,6 x 3,5)	560 030	Screwdriver - YBK 4 197
KT 3 (0,6 x 3,5)	560 030	Screwdriver - YBK 4-2F 197
KT 3 (0,6 x 3,5)	560 030	Screwdriver - YBK 4T 197
KUB 1	525 100	Busbar 146
KUB 1/2	525 101	Busbar 146
KUB 2	525 200	Busbar 146
KUB 2/2	525 201	Busbar 146
KUB 3	525 300	Busbar 146
KUB 3	525 350	Busbar 146
KY 0.50/10	571 010	End Sleeves 196
KY 0.75/10	571 020	End Sleeves 196
KY 1.0/10	571 030	End Sleeves 196
KY 1.5/10	571 040	End Sleeves 196
KY 10/12	571 080	End Sleeves 196
KY 16/12	571 090	End Sleeves 196
KY 2.5/12	571 050	End Sleeves 196
KY 4/12	571 060	End Sleeves 196
KY 6/12	571 070	End Sleeves 196
KYK-1002	590 025	Insulated Terminal (Ring Type) 194
KYK-1006	590 034	Insulated Terminal (Ring Type) 194
KYK-1206	590 035	Insulated Terminal (Ring Type) 194
KYK-301	590 010	Insulated Terminal (Ring Type) 194
KYK-302	590 020	Insulated Terminal (Ring Type) 194
KYK-351	590 011	Insulated Terminal (Ring Type) 194
KYK-401	590 012	Insulated Terminal (Ring Type) 194
KYK-402	590 021	Insulated Terminal (Ring Type) 194
KYK-406	590 030	Insulated Terminal (Ring Type) 194
KYK-501	590 013	Insulated Terminal (Ring Type) 194
KYK-502	590 022	Insulated Terminal (Ring Type) 194
KYK-506	590 031	Insulated Terminal (Ring Type) 194
KYK-601	590 014	Insulated Terminal (Ring Type) 194
KYK-602	590 023	Insulated Terminal (Ring Type) 194
KYK-606	590 032	Insulated Terminal (Ring Type) 194
KYK-801	590 015	Insulated Terminal (Ring Type) 194
KYK-802	590 024	Insulated Terminal (Ring Type) 194
KYK-806	590 033	Insulated Terminal (Ring Type) 194
LSK 2	583.041	Signal Modules 193
LSK 2	583.042	Signal Modules 193
LSK 2	583.043	Signal Modules 193
LSK 2	583.044	Signal Modules 193
LSK 2	583.045	Signal Modules 193
LSK 2	583.061	Signal Modules 193
LSK 2	583.062	Signal Modules 193
LSK 2	583.063	Signal Modules 193
LSK 2	583.065	Signal Modules 193
LSK 2	583.091	Signal Modules 193
LSK 2	583.092	Signal Modules 193
LSK 2	583.093	Signal Modules 193
LSK 2	583.095	Signal Modules 193
ME 1-1	496 12A	Transparent 185
ME 1-2	496 13A	Transparent 185
ME 2-2	496 14A	Transparent 185
ME 3	496 300	Transparent 185
MR 32	500 101	DIN Rail 182
MR 35x15	500 610	DIN Rail 183
MR 35x15	500 611	DIN Rail (Slotted) 183
MR 35x15	500 612	DIN Rail 183
MR 35x15	500 613	DIN Rail (Slotted) 183
MR 35x7,5	500 601	DIN Rail 182
MR 35x7,5	500 602	DIN Rail (Slotted) 182
MR 35x7,5	500 603	DIN Rail 182
MR 35x7,5	500 604	DIN Rail (Slotted) 182
MR 35x7,5	500 605	DIN Rail 182
MR 35x7,5	500 606	DIN Rail 183
MR 35x7,5	500 607	DIN Rail (Slotted) 183
MR 35x7,5	500 608	DIN Rail 183
MR 35x7,5	500 609	DIN Rail (Slotted) 183
MVK 2,5	304 420	Beige 32
MVK 2,5	304 422	Green 32
MVK 2,5	304 423	Yellow 32
MVK 2,5	304 424	Red 32

Type	Cat. No.		Page	Type	Cat. No.		Page
MVK 2,5	304 429	Grey	32	NPP / PYK 4E	446 550	Beige	107
MVK 2,5	305 421	Blue	32	NPP / PYK 4E	446 559	Grey	107
MVK 2,5T	334 420	Earth Terminals	33	NPP / PYK 6	446 460	Beige	85
MVK 4	304 430	Beige	32	NPP / PYK 6	446 462	Green	85
MVK 4	304 432	Green	32	NPP / PYK 6	446 469	Grey	85
MVK 4	304 433	Yellow	32	NPP / WGO 1	450 100	WGO 1 Beige	66
MVK 4	304 434	Red	32	NPP / WGO 1	450 109	WGO 1 Grey	66
MVK 4	304 439	Grey	32	NPP / WGO 2IR	450 240	WGO 2IR (Beige)	67
MVK 4	305 431	Blue	32	NPP / WGO 2IR	450 249	WGO 2IR (Grey)	67
MVK 4T	334 430	Earth Terminals	33	NPP / WGO 2N	450 230	WGO 2N Beige	66
MYK 2,5	306 420	Beige	114	NPP / WGO 2N	450 239	WGO 2N Grey	66
MYK 2,5	306 429	Grey	114	NPP / WGO 3	450 220	WGO 3 Beige	67
MYK 2,5T	336 420	Yellow-Green	114	NPP / WGO 3	450 229	WGO 3 Grey	67
MYPK 2,5	306 430	Beige	115	NPP / YBK 10	446 350	YBK 10 (Beige)	111
MYPK 2,5	306 439	Grey	115	NPP / YBK 10	446 351	YBK 10 (Blue)	111
MYSK 2,5	306 440	Beige	115	NPP / YBK 10	446 352T	YBK 10 (Yellow-Green)	113
MYSK 2,5	306 449	Grey	115	NPP / YBK 10	446 353	YBK 10 (Yellow)	111
NPP / ASK 2	450 040	ASK 2 (Beige)	62	NPP / YBK 10	446 354	YBK 10 (Red)	111
NPP / ASK 2	450 049	ASK 2 (Grey)	62	NPP / YBK 10	446 359	YBK 10 (Grey)	111
NPP / ASK 3	450 050	ASK 3 (Beige)	62	NPP / YBK 2,5	446 320	YBK 2,5 (Beige)	110
NPP / ASK 3	450 059	ASK 3 (Grey)	62	NPP / YBK 2,5	446 321	YBK 2,5 (Blue)	110
NPP / AVK 16	444 160	AVK16 (Grey)	21	NPP / YBK 2,5	446 322T	YBK 2,5 (Yellow-Green)	112
NPP / AVK 16	444 161	AVK16 (Blue)	21	NPP / YBK 2,5	446 323	YBK 2,5 (Yellow)	110
NPP / AVK 16	444 162	AVK16 (Green)	21	NPP / YBK 2,5	446 324	YBK 2,5 (Red)	110
NPP / AVK 16	444 163	AVK16 (Yellow)	21	NPP / YBK 2,5	446 329	YBK 2,5 (Grey)	110
NPP / AVK 16	444 164	AVK16 (Red)	21	NPP / YBK 2,5-2F	446 290	Beige	118
NPP / AVK 16 RD	444 170	Grey	22	NPP / YBK 2,5-2F	446 299	Grey	118
NPP / AVK 16 RD	444 171	Blue	22	NPP / YBK 2,5-2FT	446 290	Beige	122
NPP / AVK 16 RD	444 172	Green	22	NPP / YBK 2,5-2FT	446 299	Grey	122
NPP / AVK 16 RD	444 173	Yellow	22	NPP / YBK 2,5-3F	446 240	Beige	122
NPP / AVK 16 RD	444 174	Red	22	NPP / YBK 2,5-3F	446 249	Grey	122
NPP / AVK 16 RD	444 179	Beige	22	NPP / YBK 2,5-3FT	446 250	Beige	123
NPP / AVK 2,5 CC	444 130	Beige	27	NPP / YBK 2,5-3FT	446 259	Grey	123
NPP / AVK 2,5 CC	444 132T	Green	27	NPP / YBK 2,5A	450 210	Beige	128
NPP / AVK 2,5 CC	444 139	Grey	27	NPP / YBK 2,5A	450 219	Grey	128
NPP / AVK 2,5-10	444 120	AVK 2,5...10 (Grey)	20	NPP / YBK 2,5C	446 270	Beige	134
NPP / AVK 2,5-10	444 121	AVK 2,5...10 (Blue)	20	NPP / YBK 2,5C	446 279	Grey	134
NPP / AVK 2,5-10	444 122	AVK 2,5...10 (Green)	20	NPP / YBK 2,5CT	446 272	Yellow-Green	137
NPP / AVK 2,5-10	444 123	AVK 2,5...10 (Yellow)	20	NPP / YBK 2,5E	446 210	Beige	134
NPP / AVK 2,5-10	444 124	AVK 2,5...10 (Red)	20	NPP / YBK 2,5E	446 219	Grey	134
NPP / AVK 4C	450 170	Beige	27	NPP / YBK 2,5ET	446 212T	Yellow-Green	137
NPP / AVK 4C	450 179	Grey	27	NPP / YBK 3S	446 280	Beige	126
NPP / AVK 4FS	450 200	Beige	75	NPP / YBK 3S	446 289	Grey	126
NPP / AVK 4FS	450 209	Grey	75	NPP / YBK 4	446 330	YBK 4 (Beige)	110
NPP / AVK 4GD	444 140	Grey	27	NPP / YBK 4	446 331	YBK 4 (Blue)	110
NPP / AVK 4GD	444 149	Beige	27	NPP / YBK 4	446 332T	YBK 4 (Yellow-Green)	112
NPP / AYK	450 090	AYK (Beige) / AYK (Beige)	70	NPP / YBK 4	446 333	YBK 4 (Yellow)	110
NPP / MVK 2,5-4	444 420	Beige	32	NPP / YBK 4	446 334	YBK 4 (Red)	110
NPP / MVK 2,5-4	444 421	Blue	32	NPP / YBK 4	446 339	YBK 4 (Grey)	110
NPP / MVK 2,5-4	444 422T	Yellow-Green	33	NPP / YBK 4-2F	446 260	Beige	120
NPP / MVK 2,5-4	444 423	Yellow	32	NPP / YBK 4-2F	446 269	Grey	120
NPP / MVK 2,5-4	444 424	Red	32	NPP / YBK 6	446 340	YBK 6 (Beige)	111
NPP / MVK 2,5-4	444 429	Grey	32	NPP / YBK 6	446 341	YBK 6 (Blue)	111
NPP / PCY	450 190	Beige	140	NPP / YBK 6	446 342T	YBK 6 (Yellow-Green)	113
NPP / PCY	450 191	Blue	140	NPP / YBK 6	446 343	YBK 6 (Yellow)	111
NPP / PCY	450 199	Grey	140	NPP / YBK 6	446 344	YBK 6 (Red)	111
NPP / PIK 2,5N - 4N	449 010	PIK 2,5N - 4N (Beige) / PIK 2,5N - 4N (Beige)	50	NPP / YBK 6	446 349	YBK 6 (Grey)	111
NPP / PIK 2,5N - 4N	449 019	PIK 2,5N - 4N (Grey) / PIK 2,5N - 4N (Grey)	50	NPP / YBK S-YBK 1	450 060	Beige	128
NPP / PIK 4FS	449 020	Beige	54	NPP / YBK S-YBK 1	450 069	Grey	128
NPP / PIK 4FS	449 029	Grey	54	NPP 1 MYK 2,5	446 429	Grey	114
NPP / PUK 2T	450 140	PUK 2T (Beige)	56	NPP 2 MYK 2,5	446 439	Grey	114
NPP / PUK 2T	450 149	PUK 2T (Grey)	56	NPP AVK 25 RD	450 250	Grey	22
NPP / PUK 3	450 130	PUK 3 (Beige)	56	NPP AVK 25 RD	450 259	Beige	22
NPP / PUK 3	450 139	PUK 3 (Grey)	56	NPP AVK 25 RD	451 251	Blue	22
NPP / PUK 3S	450 160	Beige	58	NPP AVK 25 RD	452 252	Green	22
NPP / PUK 3S	450 169	Grey	58	NPP AVK 25 RD	453 253	Yellow	22
NPP / PUK 3T	450 150	PUK 3T (Beige)	56	NPP AVK 25 RD	454 254	Red	22
NPP / PUK 3T	450 159	PUK 3T (Grey)	56	NPP MYK 2,5	446 420	Beige	114
NPP / PYK 1,5 - 2,5T	446 442T	Yellow - Green	86	NPP PIK 10 N	449 030	Beige	54
NPP / PYK 10	446 470	Beige	85	NPP PIK 10 N	449 039	Grey	54
NPP / PYK 10	446 472T	Yellow - Green	87	NPP PYK 2,5 C	446 490	Beige	107
NPP / PYK 10	446 479	Grey	85	NPP PYK 2,5 C	446 499	Grey	107
NPP / PYK 2,5	446 449	Grey	84	NPP PYK 2,5 CT	446 492T	Yellow-Green	107
NPP / PYK 2,5 A	446 500	Beige	102	NPP PYK 2,5 E	446 610	Beige	106
NPP / PYK 2,5 A	446 509	Grey	102	NPP PYK 2,5 E	446 619	Grey	106
NPP / PYK 2,5 CCA	446 540	Beige / Beige	103	NPP PYK 2,5 EA	446 620	Beige	102
NPP / PYK 2,5 CCA	446 549	Grey / Grey	103	NPP PYK 2,5 EA	446 629	Grey	102
NPP / PYK 2,5-2F	446 510	Beige	92	NPP PYK 2,5 ET	446 612T	Yellow-Green	106
NPP / PYK 2,5-2F	446 519	Grey	92	NPP PYK 3 S	446 600	Beige	98
NPP / PYK 2,5-2FT	446 520	Beige	94	NPP PYK 3 S	446 609	Grey	98
NPP / PYK 2,5-2FT	446 529	Grey	94	NPP1 PYKM 2,5	446 589	Grey	88
NPP / PYK 2,5-3FT	446 530	Beige	94	NPP1 PYKM 2,5 T	446 582	Yellow-Green	88
NPP / PYK 2,5-3FT	446 539	Grey	94	NPP2 PYKM 2,5	446 599	Beige	88
NPP / PYK 4	446 450	Beige	84	NPP2 PYKM 2,5 T	446 592	Yellow-Green	88
NPP / PYK 4	446 452T	Yellow-Green	87	NPP-EKI	111 010	WG-EKI (Beige)	78
NPP / PYK 4	446 459	Grey	85	Optical Measurement Tool	807 019		153
NPP / PYK 4-2F	446 570	Beige	93	PAEK 1730	508 603	Panel Tag Holders	171
NPP / PYK 4-2F	446 571	Blue	93	PAEK 1752	508 604	Panel Tag Holders	171
NPP / PYK 4-2F	446 579	Grey	93	PAEK 1770	508 605	Panel Tag Holders	171

Type	Cat. No.	Page
DIN Rail SocketKORUMA KİLİTLİ	670 500	187
DIN Rail Socket (Earth)	670 100	187
DIN Rail Socket (Earth) + LED	670 200	187
DIN Rail SocketUPS	670 300	187
DIN Rail SocketUPS + LED	670 400	187
PBIP 2715 G	508 801 Grey	171
PBIP 2715 W	508 800 White	171
PBIP 2715 Y	508 802 Yellow	171
PBIP 5015 G	508 804 Grey	171
PBIP 5015 W	508 803 White	171
PBIP 5015 Y	508 805 Yellow	171
PBIP 6715 G	508 807 Grey	171
PBIP 6715 W	508 806 White	171
PBIP 6715 Y	508 808 Yellow	171
PBKP 2715	508 813 Transparent Protector	171
PBKP 5015	508 814 Transparent Protector	171
PBKP 6715	508 815 Transparent Protector	171
PCY 2,5	364 010 Beige	140
PCY 2,5	364 011 Blue	140
PCY 2,5	364 019 Grey	140
PCY 2,5 N	364 080 PCY-Neutral Busbar	140
PCY 2,5E	364 050 Beige	141
PCY 2,5E	364 059 Grey	141
PCY 2,5EL	364 060 24 VDC Beige	141
PCY 2,5EL	364 069 24 VDC Grey	141
PCY 2,5EL	364 070 110 VAC Beige	141
PCY 2,5EL	364 079 110 VAC Grey	141
PCY 2,5EL	364 089 220 VAC Grey	141
PCY 2,5L	364 020 24 VDC Beige	141
PCY 2,5L	364 029 24 VDC Grey	141
PCY 2,5L	364 030 110 VAC Beige	141
PCY 2,5L	364 039 110 VAC Grey	141
PCY 2,5L	364 040 220 VAC Beige	141
PCY 2,5L	364 049 220 VAC Grey	141
PCY IT	423 090 Beige	128
PCY IT	423 097 Orange	128
PCY IT	423 099 Grey	128
PCY NB	525 400 PCY Neutral Busbar	140
PIK 10 N	319 900 Beige	54
PIK 10 N	319 909 Grey	54
PIK 2,5 N	317 100 Beige	50
PIK 2,5 N	317 109 Grey	50
PIK 2,5 ND	317 210 Beige	51
PIK 2,5 ND	317 219 Grey	51
PIK 2,5 ND	317 220 Beige	51
PIK 2,5 ND	317 229 Grey	51
PIK 2,5 NK	317 120 Beige	50
PIK 2,5 NK	317 129 Grey	50
PIK 2,5 NLD	317 310 24 VAC Beige	51
PIK 2,5 NLD	317 319 24 VAC Grey	51
PIK 2,5 NLD	317 320 24 VDC Beige	51
PIK 2,5 NLD	317 329 24 VDC Grey	51
PIK 2,5 NLD	317 410 48 VAC Beige	51
PIK 2,5 NLD	317 419 48 VAC Grey	51
PIK 2,5 NLD	317 420 48 VDC Beige	51
PIK 2,5 NLD	317 429 48 VDC Grey	51
PIK 2,5 NLD	317 610 110 VAC Beige	51
PIK 2,5 NLD	317 619 110 VAC Grey	51
PIK 2,5 NLD	317 620 110 VDC Beige	51
PIK 2,5 NLD	317 629 110 VDC Grey	51
PIK 2,5 NLD	317 710 220 VAC Beige	51
PIK 2,5 NLD	317 719 220 VAC Grey	51
PIK 2,5 NLD	317 720 220 VDC Beige	51
PIK 4 FS	319 800 Beige / Beige	54
PIK 4 FS	319 809 Grey / Grey	54
PIK 4N	319 100 Beige	52
PIK 4N	319 109 Grey	52
PIK 4ND	319 210 Beige	53
PIK 4ND	319 219 Grey	53
PIK 4ND	319 220 Beige	53
PIK 4ND	319 229 Grey	53
PIK 4NK	319 120 Beige	52
PIK 4NK	319 129 Grey	52
PIK 4NLD	319 310 24 VAC Beige	53
PIK 4NLD	319 319 24 VAC Grey	53
PIK 4NLD	319 320 24 VDC Beige	53
PIK 4NLD	319 410 48 VAC Beige	53
PIK 4NLD	319 419 48 VAC Grey	53
PIK 4NLD	319 420 48 VDC Beige	53
PIK 4NLD	319 429 48 VDC Grey	53
PIK 4NLD	319 610 110 VAC Beige	53
PIK 4NLD	319 619 110 VAC Grey	53
PIK 4NLD	319 620 110 VDC Beige	53
PIK 4NLD	319 629 110 VDC Grey	53
PIK 4NLD	319 710 220 VAC Beige	53
PIK 4NLD	319 719 220 VAC Grey	53
PIK 4NLD	319 720 220 VDC Beige	53
PIK 4NLD	319 729 220 VDC Grey	53
PIK 4NLD	339 329 24 VDC Grey	53

Type	Cat. No.	Page
PLO K-EL 0,25 mm	807 051	152
PLO K-EL 0,35 mm	807 052	152
PLO K-EL 0,50 mm	807 053	152
PLO K-EL 0,70 mm	807 054	152
PLO K-S 0,18 mm	807 040 Red	151
PLO K-S 0,25 mm	807 041 White	151
PLO K-S 0,35 mm	807 042 Yellow	151
PLO K-S 0,50 mm	807 043 Brown	151
PLO K-S 0,70 mm	807 044 Blue	151
PLO K-S 1,00 mm	807 045 Orange	151
PLO K-D 0,18 mm	807 046 Red	151
PLO K-D 0,25 mm	807 047 White	151
PLO K-D 0,35 mm	807 048 Yellow	151
PLO K-D 0,50 mm	807 049 Brown	151
PLO K-D 1,00 mm	807 050 Blue	151
PLOT KRT-P 1 ml	807 070	152
PLOT MR 30 ml	807 071	152
PLOT PL-A	807 021	151
PLOT PL-DB	807 026	151
PLOT PL-DB 5	807 028	151
PLOT PL-KE	807 027	151
PLOT SLV 2x10 ml	807 090	152
PLOT SLV 2x10 ml	807 091	152
PLOT TMZ K	807 100	152
PLOT TMZ S	807 080	152
PLOT-PL-E	807 025	174
PSK 1/12	420 120 Terminal Strips	144
PSK 1/2	420 020 Terminal Strips	144
PSK 2/10	421 100 Cihaz Sıra Klemensi	144
PSK 2/2	421 020 Terminal Strips	144
PUK 2T	324 200 Beige	56
PUK 2T	324 209 Grey	56
PUK 3	324 100 Beige	56
PUK 3	324 109 Grey	56
PUK 3S	324 400 Beige	58
PUK 3S	324 409 Grey	58
PUK 3SLD	324 410 24 VDC NPN Beige	58
PUK 3SLD	324 419 24 VDC NPN Grey	58
PUK 3SLD	324 420 24 VDC PNP Beige	59
PUK 3SLD	324 429 24 VDC NPN Grey	59
PUK 3T	324 300 Beige	56
PUK 3T	324 309 Grey	57
PYK 1,5	307 000 Beige	84
PYK 1,5	307 001 Blue	84
PYK 1,5	307 009 Grey	84
PYK 1,5 T	336 490 Yellow-Green	86
PYK 10	307 130 Beige	85
PYK 10	307 131 Blue	85
PYK 10	307 139 Grey	85
PYK 10T	336 530 Yellow - Green	87
PYK 2,5	307 100 Beige	84
PYK 2,5	307 101 Blue	84
PYK 2,5	307 109 Grey	84
PYK 2,5 2 FLD 220 V AC	307 350 Beige	93
PYK 2,5 2 FLD 220 V AC	307 359 Grey	93
PYK 2,5 2 FLD 24 V DC	307 340 Beige	93
PYK 2,5 2 FLD 24 V DC	307 349 Grey	93
PYK 2,5 2FD A	307 360 Beige	93
PYK 2,5 2FD A	307 369 Grey	81
PYK 2,5 2FD B	307 370 Beige	81
PYK 2,5 2FD B	307 379 Grey	81
PYK 2,5 A	307 160 Beige	102
PYK 2,5 A	307 169 Grey	102
PYK 2,5 C	307 380 Beige	107
PYK 2,5 C	307 389 Grey	107
PYK 2,5 CCA	307 210 Beige	103
PYK 2,5 CCA	307 219 Grey	103
PYK 2,5 CT	336 540 Yellow-Green	107
PYK 2,5 E	307 430 Beige	106
PYK 2,5 E	307 439 Grey	106
PYK 2,5 EA	307 450 Beige	102
PYK 2,5 EA	307 459 Grey	102
PYK 2,5 ET	336 550 Yellow-Green	106
PYK 2,5-2F	307 170 Beige	92
PYK 2,5-2F	307 179 Grey	92
PYK 2,5-2FK	307 230 Beige	92
PYK 2,5-2FK	307 239 Grey	92
PYK 2,5-2FLD 220V AC	307 350 Beige	93
PYK 2,5-2FLD 220V AC	307 359 Grey	93
PYK 2,5-2FLD 24V DC	307 349 Grey	93
PYK 2,5-2FLD 24V DC	307 340 Beige	93
PYK 2,5-2FT	307 180 Beige / Beige	95
PYK 2,5-2FT	307 189 Grey / Grey	95
PYK 2,5-3F	307 190 Beige / Beige	94
PYK 2,5-3F	307 199 Grey / Grey	94
PYK 2,5-3FT	307 200 Beige / Beige	95
PYK 2,5-3FT	307 209 Grey / Grey	95
PYK 2,5T	336 500 Yellow - Green	86
PYK 3 S	307 400 Beige	98

Type	Cat. No.		Page	Type	Cat. No.		Page
PYK 3 S	307 409	Grey	98	TKÖ 6/3	476 283	AVK 6/ WGO1/ WGO3/ WGL	21
PYK 3 SLD (NPN)	307 410	Beige	98	TKÖ 6/4	476 284	AVK 6/ WGO1/ WGO3/ WGL	21
PYK 3 SLD (NPN)	307 419	Grey	98	TRV 10	422 030	Beige	143
PYK 3 SLD (PNP)	307 420	Beige	98	TRV 10	422 037	Orange	143
PYK 3 SLD (PNP)	307 429	Grey	98	TRV 10	422 039	Grey	143
PYK 4	307 110	Beige	85	TRV 4	422 010	Beige	142
PYK 4	307 111	Blue	85	TRV 4	422 017	Orange	142
PYK 4	307 119	Grey	85	TRV 4	422 019	Grey	142
PYK 4-2F	307 270	Beige	93	TRV 4 T	422 060	Yellow-Green	143
PYK 4-2F	307 271	Blue	93	TRV 4B	422 050	Beige	142
PYK 4-2F	307 279	Grey	93	TRV 4B	422 057	Orange	142
PYK 4E	307 220	Beige	107	TRV 4B	422 059	Grey	142
PYK 4E	307 229	Grey	107	TRV 4M	422 040	Beige	143
PYK 4I (6,35x31,75)	307 310	Beige	101	TRV 4M	422 047	Orange	143
PYK 4I (6,35x31,75)	307 319	Grey	101	TRV 4M	422 049	Grey	143
PYK 4ILD 220V AC (6,35x31,75)	307 330	Beige	101	TRV 45	422 020	Beige	143
PYK 4ILD 220V AC (6,35x31,75)	307 339	Grey	101	TRV 45	422 027	Orange	143
PYK 4ILD 24V DC (6,35x31,75)	307 320	Beige	101	TRV 45	422 029	Grey	143
PYK 4ILD 24V DC (6,35x31,75)	307 329	Grey	101	TSK 1 (Ø2)	490 010	Test Plug	190
PYK 4S (5x20)	307 240	Beige	100	TSK 2 (Ø2)	490 020	Test Plug	190
PYK 4S (5x20)	307 249	Grey	100	TSK 3 (Ø2,3)	490 030	Test Plug	190
PYK 4S (5x20)	307 245	Black	100	TSK 4 (Ø2,3)	490 040	Test Plug	190
PYK 4S (5x25)	307 280	Beige	100	TSK 4 (Ø4)	493 050	Test Plug	190
PYK 4S (5x25)	307 289	Grey	100	TSK 7 (Ø4)	490 070	Test Plug	190
PYK 4SLD 220V AC (5x20)	307 260	Beige	100	TSK 8 (Ø4)	490 080	Test Plug	190
PYK 4SLD 220V AC (5x20)	307 269	Grey	100	TSK 9 (Ø4)	490 090	Test Plug	190
PYK 4SLD 220V AC (5x25)	307 300	Beige	100	UK 1,5/10	476 609		84
PYK 4SLD 220V AC (5x25)	307 309	Grey	100	UK 1,5/2	476 602		84
PYK 4SLD 24V DC (5x20)	307 250	Beige	100	UK 1,5/3	476 603		84
PYK 4SLD 24V DC (5x20)	307 259	Grey	100	UK 1,5/4	476 604		84
PYK 4SLD 24V DC (5x25)	307 290	Beige	100	UK 10/10	474 159	AVK 10	21
PYK 4SLD 24V DC (5x25)	307 299	Grey	100	UK 10/10	476 259	YBK 10	52
PYK 4T	336 510	Yellow - Green	87	UK 10/2	474 152	AVK 10	21
PYK 6	307 121	Blue	85	UK 10/2	476 252	YBK 10	52
PYK 6	307 129	Grey	85	UK 10/3	474 153	AVK 10	21
PYK 6	307 120	Beige	85	UK 10/3	476 253	YBK 10	52
PYK 6T	336 520	Yellow - Green	87	UK 10/4	474 154	AVK 10	21
PYK Test	498 550	Beige (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	88	UK 10/4	476 254	YBK 10	52
PYK Test	498 559	Grey (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	88	UK 150/2	478 352		43
PYK Test - A	498 650	Beige (PYK 4, PYK 4E)	88	UK 150/3	478 353		43
PYK Test - A	498 659	Grey (PYK 4, PYK 4E)	88	UK 150/4	478 354		43
PYKM 2,5	307 390	Beige	84	UK 16/10	474 169	AVK 16	21
PYKM 2,5	307 399	Grey	84	UK 16/2	474 162	AVK 16	21
PYKM 2,5T	336 430	Yellow-Green	89	UK 16/3	474 163	AVK 16	21
RA 10	498 450	Rail Adaptor (Beige)	186	UK 16/4	474 164	AVK 16	21
RA 10	498 459	Rail Adaptor (Grey)	186	UK 2,5/10	474 129	AVK 2,5	20
RR 11	630 110	Rubber Gland	193	UK 2,5/10	476 229	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
RR 13,5	630 135	Rubber Gland	193	UK 2,5/10	480 139	PUK 3, PUK 2T, PUK 3T	56
RR 16	630 160	Rubber Gland	193	UK 2,5/2	474 122	AVK 2,5	20
RR 21	630 210	Rubber Gland	193	UK 2,5/2	476 222	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
RR 29	630 290	Rubber Gland	193	UK 2,5/2	480 132	PUK 3, PUK 2T, PUK 3T	56
RR 36	630 360	Rubber Gland	193	UK 2,5/3	474 123	AVK 2,5	20
RR 42	630 420	Rubber Gland	193	UK 2,5/3	476 223	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
RT	501 101	DIN Rail Support	183	UK 2,5/3	480 133	PUK 3, PUK 2T, PUK 3T	56
SBK 35/10	401 181	Clamping Yokes	146	UK 2,5/4	474 124	AVK 2,5	20
SBK 35/5	401 180	Clamping Yokes	146	UK 2,5/4	476 224	YBK 2,5, MVK 2,5, AVK 2,5 RD	26
SBK16/10	401 174	Clamping Yokes	146	UK 2,5/4	480 134	PUK 3, PUK 2T, PUK 3T	56
SBK16/5	401 173	Clamping Yokes	146	UK 240/2	478 362		43
SBK50/10	401 502	Clamping Yokes	146	UK 240/3	478 363		43
SBK50/5	401 501	Clamping Yokes	146	UK 240/4	478 364		43
SlFx 0615 Y	508 530	Adhesive Paper Labels	169	UK 35/10	474 179	AVK 35	23
SlFx 0912 Y	508 531	Adhesive Paper Labels	169	UK 35/2	474 172	AVK 35	23
SlFx 0915 Y	508 532	Adhesive Paper Labels	169	UK 35/3	474 173	AVK 35	23
SlT FP 0915 Y	508 518	Adhesive Paper Labels	169	UK 35/4	474 174	AVK 35	23
SlT FP 1020 Y	508 519	Adhesive Paper Labels	169	UK 4/10	474 139	AVK 4 / PIK 4N	20
SK1	430 012		145	UK 4/10	476 239	YBK 4, MVK4, AVK 4 RD	52
SK1	432 012		145	UK 4/10	480 149	AVK 4C	27
SK2	430 022		145	UK 4/2	474 132	AVK 4 / PIK 4N	20
SK2	432 022		145	UK 4/2	476 232	YBK 4, MVK4, AVK 4 RD	52
SK3	430 032		145	UK 4/2	480 142	AVK 4C	54
SK3	432 032		145	UK 4/3	474 133	AVK 4 / PIK 4N	40
SK4	430 042		145	UK 4/3	474 133	AVK 4 / PIK 4N	40
SK4	432 042		145	UK 4/3	476 233	YBK 4, MVK4, AVK 4 RD	104
SKK	468 060	Holding Plate for Cover(Beige)	186	UK 4/3	476 233	YBK 4, MVK4, AVK 4 RD	104
SKK	468 069	Holding Plate for Cover(Grey)	186	UK 4/3	480 142	AVK 4C	54
TKÖ 10/10	476 299	AVK 10	21	UK 4/3	480 143	AVK 4C	27
TKÖ 10/2	476 292	AVK 10	21	UK 4/4	474 134	AVK 4 / PIK 4N	20
TKÖ 10/3	476 293	AVK 10	21	UK 4/4	476 234	YBK 4, MVK4, AVK 4 RD	52
TKÖ 10/4	476 294	AVK 10	21	UK 4/4	480 144	AVK 4C	27
TKÖ 2,5/10	476 269	AVK 2,5	20	UK 50/2	478 332	AVK 50	42
TKÖ 2,5/2	476 262	AVK 2,5	20	UK 50/3	478 333	AVK 50	42
TKÖ 2,5/3	476 263	AVK 2,5	20	UK 50/4	478 334	AVK 50	42
TKÖ 2,5/4	476 264	AVK 2,5	20	UK 6/ 10	476 309	WGO 1 - WGL 1 - WGO3	188
TKÖ 4/10	476 279	AVK 4	25	UK 6/10	474 149	AVK 6	21
TKÖ 4/2	476 272	AVK 4	25	UK 6/10	476 249	YBK 6	52
TKÖ 4/3	476 273	AVK 4	25	UK 6/10	480 189	WGO 1	56
TKÖ 4/4	476 274	AVK 4	25	UK 6/2	474 142	AVK 6	21
TKÖ 6/10	476 289	AVK 6/ WGO1/ WGO3/ WGL	21	UK 6/2	476 242	YBK 6	52
TKÖ 6/2	476 282	AVK 6/ WGO1/ WGO3/ WGL	21	UK 6/2	480 182	WGO 1	56

Type	Cat. No.		Page
UK 6/3	474 143	AVK 6	21
UK 6/3	476 243	YBK 6	52
UK 6/3	480 183	WGO 1	56
UK 6/4	474 144	AVK 6	21
UK 6/4	476 244	YBK 6	52
UK 6/4	480 184	WGO 1	56
UK 70/2	478 372		42
UK 70/3	478 373		42
UK 70/4	478 374		42
UK 95/2	478 342	AVK 95	43
UK 95/3	478 343	AVK 95	43
UK 95/4	478 344	AVK 95	43
UKB 150/2	478 312	AVK 150B / AVK 150	46
UKB 150/3	478 313	AVK 150B / AVK 150	46
UKB 150/4	478 314	AVK 150B / AVK 150	46
UKB 240/2	478 322	AVK 240B / AVK 240	47
UKB 240/3	478 323	AVK 240B / AVK 240	47
UKB 240/4	478 324	AVK 240B / AVK 240	47
UKB 95/2	478 302	AVK 95B / AVK 95	46
UKB 95/3	478 303	AVK 95B / AVK 95	46
UKB 95/4	478 304	AVK 95B / AVK 95	46
VK 1	542110B	White	192
VK 1	542110S	Black	192
VK 2	542120B	White	192
VK 2	542120S	Black	192
VK 3	542130B	White	192
VK 3	542130S	Black	192
WGD 1	495 030	MR 32 - MR 35 (Beige)	184
WGD 1	495 039	MR 32 - MR 35 (Grey)	184
WG-EKI	110 010	Reverse Current Protection	78
WG-EKI	110 020	Reverse Current Protection	78
WG-EKI	110 030	Block of Extra Current Generated by Coils	78
WG-EKI	110 040	Block of Extra Current Generated by Coils	78
WG-EKI	110 050	Lamp/Test Circuit	78
WG-EKI	110 060	Lamp/Test Circuit	78
WG-EKI	110 070	Reverse Current Protection	78
WG-EKI	110 080	Reverse Current Protection	78
WG-EKI	110 090	Lamp/Test Circuit	78
WG-EKI	110 100	Lamp/Test Circuit	78
WG-EKI	110 110	Lamp/Test Circuit	78
WG-EKI	110 120	24 V	78
WG-EKI	110 130	24 V	78
WG-EKI	110 140	24 VDC	78
WG-EKI	110 150	110 VDC	78
WG-EKI	110 160	220 VDC	78
WG-EKI	110 170	24 VDC	78
WG-EKI	110 180	110 VDC	78
WG-EKI	110 190	220 VDC	78
WG-EKI	110 200	24 VDC	78
WG-EKI	110 210	24 VDC	78
WG-EKI	110 220	30 V	78
WG-EKI	110 230	60 V	78
WG-EKI	110 240	75 V	78
WG-EKI	110 250	130 V	78
WG-EKI	110 260	275 V	78
WG-EKI	110 270	24 VAC	78
WG-EKI	110 280	48 VAC	78
WG-EKI	110 290	110 VAC	78
WG-EKI	110 300	220 VAC	78
WG-EKI	110 310	24 VAC	78
WG-EKI	110 320	110 VAC	78
WG-EKI	110 330	220 VAC	78
WG-EKI	110 340	DC	78
WG-EKI	110 350	24 VAC	78
WG-EKI	110 360	48 VAC	78
WG-EKI	110 370	60 VDC	78
WG-EKI	110 380	Terminal With Cross Connection	78
WG-EKI	110 390	Terminal With a Printed Circuit Card	78
WGL 1	375 700	WGL 1 Beige Without Socket	67
WGL 1	375 701	WGL 1 Beige One Socket	67
WGL 1	375 790	WGL 1 Grey Without Socket	67
WGL 1	375 791	WGL 1 Grey One Socket	67
WGO 1	370 500	Beige / Without Socket	66
WGO 1	370 501	Beige / One Socket	66
WGO 1	370 502	Beige / Double Socket	66
WGO 1	370 590	Grey / Without Socket	66
WGO 1	370 591	Grey / One Socket	66
WGO 1	370 592	Grey / Double Socket	66
WGO 2IR	375 900	Beige	67
WGO 2IR	375 909	Grey	67
WGO 2N	375 800	Beige / Without Socket	66
WGO 2N	375 801	Beige / One Socket	66
WGO 2N	375 802	Beige / Double Socket	66
WGO 2N	375 803	Beige / One Test Socket	66
WGO 2N	375 804	Beige / Double Socket	66
WGO 2N	375 890	Grey / Without Socket	66
WGO 2N	375 891	Grey / One Socket	66
WGO 2N	375 892	Grey / Double Test Socket	66
WGO 2N	375 893	Grey / One Test Socket	66

Type	Cat. No.		Page
WGO 2N	375 894	Grey / Double Socket	66
WGO 3	375 600	Beige / Without Socket	67
WGO 3	375 601	Beige / One Socket	67
WGO 3	375 602	Beige / Double Socket	67
WGO 3	375 690	Grey / Without Socket	67
WGO 3	375 691	Grey / One Socket	67
WGO 3	375 692	Grey / Double Socket	67
WGO-UAA	498 300	Cross Connection Disconnecting Tool	66
Y-BEK 5	508 700	Push Button Tag Holders	171
Y-BEKT	508 701	Push Button Tag Holders	171
YBK 35	324 700	Beige	126
YBK 35	324 709	Grey	126
YBK 35LD	324 710	24 VDC Beige (NPN)	126
YBK 35LD	324 719	24 VDC Grey (NPN)	126
YBK 35LD	324 720	24 VDC Beige (PNP)	127
YBK 35LD	324 729	24 VDC Grey (PNP)	127
YBK 10	306 250	Beige	111
YBK 10	306 251	Blue	111
YBK 10	306 252	Green	111
YBK 10	306 253	Yellow	111
YBK 10	306 254	Red	111
YBK 10	306 259	Grey	111
YBK 10 T	336 250	Earth Terminals	113
YBK 2.5 ET	336 110	Yellow-Green	137
YBK 2.5	306 220	Beige	110
YBK 2.5	306 221	Blue	110
YBK 2.5	306 222	Green	110
YBK 2.5	306 223	Yellow	110
YBK 2.5	306 224	Red	110
YBK 2.5	306 229	Grey	110
YBK 2.5 - 2FD	316 210	Beige	119
YBK 2.5 - 2FD	316 219	Grey	119
YBK 2.5 - 2FD	316 220	Beige	119
YBK 2.5 - 2FD	316 229	Grey	119
YBK 2.5 - 2FK	316 120	Beige	118
YBK 2.5 - 2FK	316 129	Grey	118
YBK 2.5 - 3 F	324 500	Beige	122
YBK 2.5 - 3 F	324 509	Grey	122
YBK 2.5 - 3 FT	324 600	Beige	123
YBK 2.5 - 3 FT	324 609	Grey	123
YBK 2.5-2F	316 100	Beige	118
YBK 2.5-2F	316 109	Grey	118
YBK 2.5-2FLD	316 310	24VAC Beige	119
YBK 2.5-2FLD	316 319	24VAC Grey	119
YBK 2.5-2FLD	316 320	24VDC Beige	119
YBK 2.5-2FLD	316 329	24VDC Grey	119
YBK 2.5-2FLD	316 410	48VAC Beige	119
YBK 2.5-2FLD	316 419	48VAC Grey	119
YBK 2.5-2FLD	316 420	48VDC Beige	119
YBK 2.5-2FLD	316 429	48VDC Grey	119
YBK 2.5-2FLD	316 610	110VAC Beige	119
YBK 2.5-2FLD	316 619	110VAC Grey	119
YBK 2.5-2FLD	316 620	110VDC Beige	119
YBK 2.5-2FLD	316 629	110VDC Grey	119
YBK 2.5-2FLD	316 710	220VAC Beige	119
YBK 2.5-2FLD	316 719	220VAC Grey	119
YBK 2.5-2FLD	316 720	220VDC Beige	119
YBK 2.5-2FLD	316 729	220VDC Grey	119
YBK 2.5-2FT	324 800	Beige	122
YBK 2.5-2FT	324 809	Grey	122
YBK 2.5A	353 200	Beige	129
YBK 2.5A	353 209	Grey	129
YBK 2.5C	326 100	Beige	134
YBK 2.5C	326 109	Grey	134
YBK 2.5CD	326 210	Beige	136
YBK 2.5CD	326 219	Grey	136
YBK 2.5CLD	326 310	24 VAC Beige	136
YBK 2.5CLD	326 319	24 VAC Grey	136
YBK 2.5CLD	326 320	24 VDC Beige	136
YBK 2.5CLD	326 329	24 VDC Grey	136
YBK 2.5CLD	326 410	48 VAC Beige	136
YBK 2.5CLD	326 419	48 VAC Grey	136
YBK 2.5CLD	326 420	48 VDC Beige	136
YBK 2.5CLD	326 429	48 VDC Grey	136
YBK 2.5CLD	326 610	110 VAC Beige	136
YBK 2.5CLD	326 619	110 VAC Grey	136
YBK 2.5CLD	326 620	110 VDC Beige	136
YBK 2.5CLD	326 629	110 VDC Grey	136
YBK 2.5CLD	326 710	220 VAC Beige	136
YBK 2.5CLD	326 719	220 VAC Grey	136
YBK 2.5CLD	326 720	220 VDC Beige	136
YBK 2.5CLD	326 729	220 VDC Grey	136
YBK 2.5CT	336 100	Earth Terminals	137
YBK 2.5Cx2	326 200	Beige	135
YBK 2.5Cx2	326 209	Grey	135
YBK 2.5E	326 050	Beige	134
YBK 2.5E	326 059	Grey	134
YBK 2.5T	336 220	Earth Terminals	112
YBK 4	306 230	Beige	110

Type	Cat. No.		Page
YBK 4	306 231	Blue	110
YBK 4	306 232	Green	110
YBK 4	306 233	Yellow	110
YBK 4	306 234	Red	110
YBK 4	306 239	Grey	110
YBK 4 - 2 F	318 100	Beige	120
YBK 4 - 2 F	318 109	Grey	120
YBK 4 - 2 FD	318 210	Beige	121
YBK 4 - 2 FD	318 219	Grey	121
YBK 4 - 2 FD	318 220	Beige	121
YBK 4 - 2 FD	318 229	Grey	121
YBK 4 - 2 FK	318 120	Beige	120
YBK 4 - 2 FK	318 129	Grey	120
YBK 4 - 2 FLD	318 310	24 VAC Beige	121
YBK 4 - 2 FLD	318 319	24 VAC Grey	121
YBK 4 - 2 FLD	318 320	24 VDC Beige	121
YBK 4 - 2 FLD	318 329	24 VDC Grey	121
YBK 4 - 2 FLD	318 410	48 VAC Beige	121
YBK 4 - 2 FLD	318 419	48 VAC Grey	121
YBK 4 - 2 FLD	318 420	48 VDC Beige	121
YBK 4 - 2 FLD	318 429	48 VDC Grey	121
YBK 4 - 2 FLD	318 610	110 VAC Beige	121
YBK 4 - 2 FLD	318 619	110 VAC Grey	121
YBK 4 - 2 FLD	318 620	110 VDC Beige	121
YBK 4 - 2 FLD	318 629	110 VDC Grey	121
YBK 4 - 2 FLD	318 710	220 VAC Beige	121
YBK 4 - 2 FLD	318 719	220 VAC Grey	121
YBK 4 - 2 FLD	318 720	220 VDC Beige	121
YBK 4 - 2 FLD	318 729	220 VDC Grey	121
YBK 4 T	336 230	Earth Terminals	112
YBK 6	306 240	Beige	111
YBK 6	306 241	Blue	111
YBK 6	306 242	Green	111
YBK 6	306 243	Yellow	111
YBK 6	306 244	Red	111
YBK 6	306 249	Grey	111
YBK 6 T	336 240	Earth Terminals	113
YBK I	355 120	Beige	130
YBK I	355 129	Grey	130
YBK IB	363 200	Beige	130
YBK IB	363 209	Grey	130
YBK ILD	355 810	24 VAC Beige	131
YBK ILD	355 819	24 VAC Grey	131
YBK ILD	355 820	24 VDC Beige	131
YBK ILD	355 829	24 VDC Grey	131
YBK ILD	355 830	48 VAC Beige	131
YBK ILD	355 839	48 VAC Grey	131
YBK ILD	355 840	48 VDC Beige	131
YBK ILD	355 849	48 VDC Grey	131
YBK ILD	355 850	110 VAC Beige	131
YBK ILD	355 859	110 VAC Grey	131
YBK ILD	355 860	110 VDC Beige	131
YBK ILD	355 869	110 VDC Grey	131
YBK ILD	355 870	220 VAC Beige	131
YBK ILD	355 879	220 VAC Grey	131
YBK ILD	355 880	220 VDC Beige	131
YBK ILD	355 889	220 VDC Grey	131
YBK S	355 110	Beige	128
YBK S	355 119	Grey	128
YBK SB	363 100	Beige	128
YBK SB	363 109	Grey	128
YBK SLD	355 710	24 VAC Beige	129
YBK SLD	355 719	24 VAC Grey	129
YBK SLD	355 720	24 VDC Beige	129
YBK SLD	355 729	24 VDC Grey	129
YBK SLD	355 730	48 VAC Beige	129
YBK SLD	355 739	48 VAC Grey	129
YBK SLD	355 740	48 VDC Beige	129
YBK SLD	355 749	48 VDC Grey	129
YBK SLD	355 750	110 VAC Beige	129
YBK SLD	355 759	110 VAC Grey	129
YBK SLD	355 760	110 VDC Beige	129
YBK SLD	355 769	110 VDC Grey	129
YBK SLD	355 770	220 VAC Beige	129
YBK SLD	355 779	220 VAC Grey	129
YBK SLD	355 780	220 VDC Beige	129
YBK SLD	355 789	220 VDC Grey	129
YK 1	541210B	White	192
YK 1	541210S	Black	192
YK 2	541280B	White	192
YK 2	541280S	Black	192
YKB 100	532100B	2,5x100 mm. White	191
YKB 100	532100S	2,5x100 mm. Black	191
YKB 120	534120B	4,8x120 mm. White	191
YKB 120	534120S	4,8x120 mm. Black	191
YKB 142	532142B	2,5x142 mm. White	191
YKB 142	532142S	2,5x142 mm. Black	191
YKB 150	533150B	3,6x150 mm. White	191
YKB 150	533150S	3,6x150 mm. Black	191

Type	Cat. No.		Page
YKB 190	534190B	4,8x190 mm. White	191
YKB 190	534190S	4,8x190 mm. Black	191
YKB 203	532203B	2,5x142 mm. White	191
YKB 203	532203S	2,5x142 mm. Black	191
YKB 250	533250B	3,6x250 mm. White	191
YKB 250	533250S	3,6x250 mm. Black	191
YKB 292	533292B	3,6x292 mm. White	191
YKB 292	533292S	3,6x292 mm. Black	191
YKB 300	537300B	7,6x300 mm. White	191
YKB 300	537300S	7,6x300 mm. Black	191
YKB 368	533368B	3,6x368 mm. White	191
YKB 368	533368S	3,6x368 mm. Black	191
YKB 368	534368B	4,8x368 mm. White	191
YKB 368	534368S	4,8x368 mm. Black	191
YKB 380	537380B	7,6x380 mm. White	191
YKB 380	537380S	7,6x380 mm. Black	191
YKB 450	538450B	8,0x450 mm. White	191
YKB 450	538450S	8,0x450 mm. Black	191
YKB 450	538450S	8,0x450 mm. Black	191
YKB 762	539762B	9,0x762 mm. White	191
YKB 762	539762S	9,0x762 mm. White	191
YKB 762	539762S	9,0x762 mm. Black	191
YKB 762	539762S	9,0x762 mm. Black	191
YKB 94	532094B	2,5x94 mm. White	191
YKB 94	532094B	2,5x94 mm. White	191
YKB 94	532094S	2,5x94 mm. Black	191
YKB 94	532094S	2,5x94 mm. Black	191
Y-KOIP 209 W	508 060		169
Y-KOIP 209 Y	508 061		169
Y-OIP 1710 W	508 065		169
Y-OIP 1710 Y	508 066		169
Y-PAEK 1730	508 600	Panel Tag Holders	171
Y-PAEK 1752	508 601	Panel Tag Holders	171
Y-PAEK 1770	508 602	Panel Tag Holders	171
Sealing Pin for KD 6A	498.187	Orange	186
AVK Y4	304.500	Grey	30
AVK Y4	304.509	Beige	30
AVK Y6	304.510	Grey	30
AVK Y6	304.519	Beige	30
AVKY10	304.520	Grey	31
AVKY10	304.529	Beige	31
NPP AVK Y4/Y6	450.300	Grey	30
NPP AVK Y4/Y6	450.309	Beige	30
NPP AVK Y10	450.260	Grey	31
NPP AVK Y10	450.269	Beige	31
PB 6	307.519	Grey	38
PB 6	307.510	Beige	38
PB 6T	336.580	Yellow-Green	38
NPP PB 6	450.329	Grey	38
NPP PB 6	450.320	Beige	38
TKO-PB6/2	476.802	Comb Connector	38
TKO-PB6/3	476.803	Comb Connector	38
TKO-PB6/4	476.804	Comb Connector	38
TKO-PB6/7	476.807	Comb Connector	38
CPB 6	326.809	Grey	39
CPB 6	326.800	Beige	39
CPB 6B	326.819	Grey	39
CPB 6B	326.810	Beige	39
NPP CPB 6B	450.299	Grey	39
NPP CPB 6B	450.290	Beige	39
UK 9,5/2	480.192	Cross Connection	39
UK 9,5/10	480.199	Cross Connection	39
UK 13/2	480.202	Cross Connection	39
UK 13/10	480.209	Cross Connection	39
PIK 2,5 NT	336.560	Yellow-Green	55
PIK 4 NT	336.570	Yellow-Green	55
NPP PIK 2,5 -4 N	449 012T		55
WGO Y6	375.919	Grey	68
WGO Y6	375.910	Beige	68
NPP WGO Y6	450.279	Grey	68
NPP WGO Y6	450.270	Beige	68
WGO YD6	375.929	Grey	68
WGO YD6	375.920	Beige	68
WGO PB 6	375.939	Grey	69
WGO PB 6	375.930	Beige	69
NPP WGO PB 6	450.319	Grey	69
NPP WGO PB 6	450.310	Beige	69
APP PYK 1,5 - 2,5 - 4	463.180	Partition Plate	84
APP PYK 6	463.190	Partition Plate	85
APP PYK 10	463.200	Partition Plate	85
PYKMR 2,5	307.499	Grey	88
PYKMR 2,5	307.490	Beige	88

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