KORAL
True Connection

ELECTRICAL COMPONENTS

PRODUCT CATALOG 2024/1

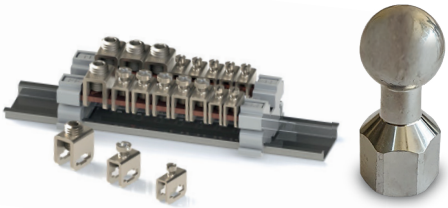












INDEX

02 CABLE LUGS



05 DISTRIBUTION BLOCKS



06 MAIN BRANCH TERMINALS



08 TBA SERIES UNIVERSAL Al/Cu CONNECTORS



13 TERMINAL BLOCKS



14 PE / N TERMINALS



15 ACT SERIES UNIVERSAL CONNECTORS (Al/Cu)



16 Al/Cu DEVICE CONNECTOR



17 BUSBAR CONNECTION



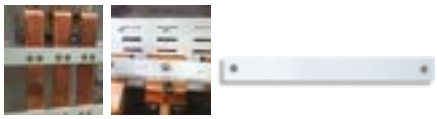
18 BUSBAR SUPPORTS



19 PLASTIC BUSBAR SUPPORTS



20 FIBERGLASS PLATES



21 LOW VOLTAGE STANDOFF INSULATORS



22 LIMIT SWITCHES



23 FLEXIBLE BRAIDED BARS



24 CABLE HOLDERS



25 OTR SERIES GROUNDING BALL STUDS



26 CABLE DUCT CUTTER



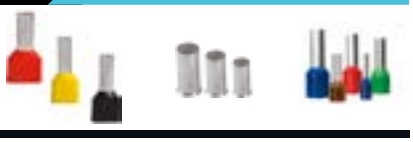
27 PANEL LED LIGHTING



28 CABLE TIE



29 INSULATED CORD END TERMINALS



30 CABLE MARKERS

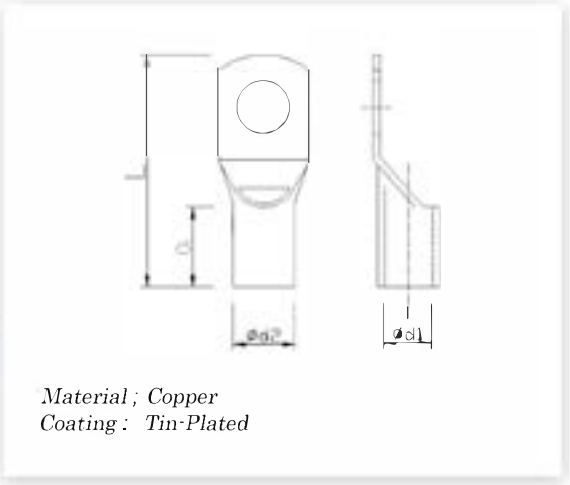


Tubular Cable Lugs / S Type

Product Code	Section Area (mm²)	Bolt	Inner (d2) (mm)	Outer (d1) (mm)	Length (L) (mm)	Cable Length (a) (mm)	Qty/Pack.
SKP-S10 M5	10	**M5**	4,5	6,00	28	11,5	800
SKP-S10 M6		M6	4,5	6,00	28	11,5	800
SKP-S16 M6	16	**M6**	5,5	7,50	31,5	12,5	400
SKP-S16 M8		M8	5,5	7,50	31,5	12,5	400
SKP-S25 M8	25	**M8**	7	9,5	36	15,5	250
SKP-S25 M10		M10	7	9,5	36	15,5	250
SKP-S35 M8	35	**M8**	8,5	11	41,5	16,5	150
SKP-S35 M10		M10	8,5	11	41,5	16,5	150
SKP-S50 M10	50	**M10**	10	13	48,5	18	100
SKP-S50 M12		M12	10	13	48,5	18	100
SKP-S70 M10	70	**M10**	11,5	14,5	51	20	70
SKP-S70 M12		M12	11,5	14,5	51	20	70
SKP-S95 M10	95	M10	13,5	16,50	56,5	22	50
SKP-S95 M12		**M12**	13,5	16,50	56,5	22	50
SKP-S95 M14		M14	13,5	16,50	56,5	22	50
SKP-S120 M10	120	M10	14,5	18,00	63	24	40
SKP-S120 M12		**M12**	14,5	18,00	63	24	40
SKP-S120 M14		M14	14,5	18,00	63	24	40
SKP-S150 M10	150	M10	16,5	21,00	66,5	27	30
SKP-S150 M12		**M12**	16,5	21,00	66,5	27	30
SKP-S150 M16		M16	16,5	21,00	66,5	27	30
SKP-S185 M10	185	M10	18,5	23,00	77	31	20
SKP-S185 M12		**M12**	18,5	23,00	77	31	20
SKP-S185 M16		M16	18,5	23,00	77	31	20
SKP-S240 M10	240	M10	21	26,00	84,5	35	20
SKP-S240 M12		**M12**	21	26,00	84,5	35	20
SKP-S240 M16		M16	21	26,00	84,5	35	20
SKP-S300 M12	300	M12	23,5	28,50	95,5	38	16
SKP-S300 M16		**M16**	23,5	28,50	95,5	38	16
SKP-S400 M12	400	M12	27	33,00	115	42	6
SKP-S400 M16		**M16**	27	33,00	115	42	6

Dark coloured metric values are showing our standard production





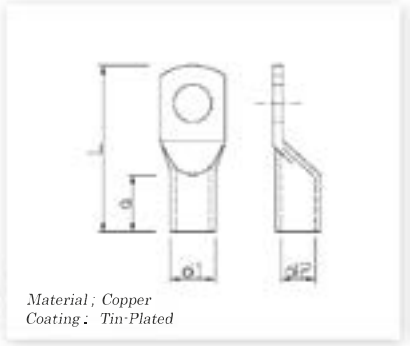
Material ; Copper
Coating : Tin-Plated

Tubular Cable Lugs / DIN Norm

Product Code	Section Area (mm²)	Bolt	Inner (d2) (mm)	Outer (d1) (mm)	Length (L) (mm)	Cable Length (a) (mm)	Qty/Pack.
SKP-D 10 M5	10	M5	4,5	6,00	34	11,5	800
SKP-D 16 M6	16	M6	5,5	8,50	43,5	20	400
SKP-D 25 M8	25	M8	7	10	48	20	250
SKP-D 35 M8	35	M8	8,2	12,5	52	20	150
SKP-D 50 M10	50	M10	10	14,5	64	28	100
SKP-D 70 M10	70	M10	11,5	16,5	67	28	70
SKP-D 95 M12	95	M12	13,5	19,00	78	35	50
SKP-D 120 M12	120	M12	15,5	21,00	86	35	40
SKP-D 150 M12	150	M12	17	23,50	94	35	30
SKP-D 185 M12	185	M12	19	25,50	98	40	20
SKP-D 240 M12	240	M12	21,5	29,00	108	40	20
SKP-D 300 M16	300	M16	24,5	32,00	119	50	16

Dark coloured metric values are showing our standard production





Standart Type Butt Connectors

Product Code	Section Area (mm²)	Inner (d2) (mm)	Outer (d1) (mm)	Length (L) (mm)	Qty/Pack.
SEM S 10	10	4,5	6,00	28	600
SEM S 16	16	5,5	7,50	31,5	300
SEM S 25	25	7	9,5	36	200
SEM S 35	35	8,5	11	41,5	150
SEM S 50	50	10	13	48,5	125
SEM S 70	70	11,5	14,5	51	80
SEM S 95	95	13,5	16,50	56,5	60
SEM S 120	120	14,5	18,00	63	40
SEM S 150	150	16,5	21,00	66,5	30
SEM S 185	185	18,5	23,00	77	20
SEM S 240	240	21	26,00	84,5	15
SEM S 300	300	23,5	28,50	95,5	10

Standard Type with Hole





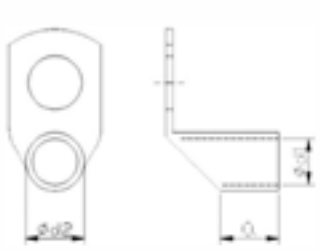
Material ; Copper
Coating : Tin-Plated

L Type 90°, L1 Type 45°

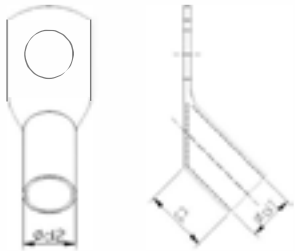
Product Code	Section Area (mm²)	Bolt	Inner (d2) (mm)	Outer (d1) (mm)	Cable Length (a) (mm)	Angle
SKP-L-10 M6	10	M6	4,5	6,00	11,5	90°
SKP-L1-10 M6		M6	4,5	6,00	11,5	45°
SKP-L-16 M6	16	M6	5,5	7,50	12,5	90°
SKP-L1-16 M6		M6	5,5	7,50	12,5	45°
SKP-L-25 M8	25	M8	7	9,5	15,5	90°
SKP-L1-25 M8		M8	7	9,5	15,5	45°
SKP-L-35 M8	35	M8	8,5	11	16,5	90°
SKP-L1-35 M8		M8	8,5	11	16,5	45°
SKP-L-50 M10	50	M10	10	13	18	90°
SKP-L1-50 M10		M10	10	13	18	45°
SKP-L-70 M10	70	M10	11,5	14,5	20	90°
SKP-L1-70 M10		M10	11,5	14,5	20	45°
SKP-L-95 M12	95	M12	13,5	16,50	22	90°
SKP-L195 M12		M12	13,5	16,50	22	45°
SKP-L-120 M12	120	M12	14,5	18,00	24	90°
SKP-L1-120 M12		M12	14,5	18,00	24	45°
SKP-L-150 M12	150	M12	16,5	21,00	27	90°
SKP-L1-150 M12		M12	16,5	21,00	27	45°
SKP-L-185 M12	185	M12	18,5	23,00	31	90°
SKP-L1-185 M12		M12	18,5	23,00	31	45°
SKP-L-240 M12	240	M12	21	26,00	35	90°
SKP-L1-240 M12		M12	21	26,00	35	45°

Dark coloured metric values are showing our standard production





L Type 90°



L1 Type 45°

RoHS COMPLIANT

KBD Distribution Blocks



CODE		DESCRIPTIONS	Box
		125A	
KBD 125	Input	1 x 10 - 35mm² 1 x 2,5 - 16mm²	1
	Output	6 x 2,5 - 16mm²	1

CODE		DESCRIPTIONS	Box
		160A	
KBD 160	Input	1 x 10 - 70mm² 1 x 2,5 - 16mm²	1
	Output	6 x 2,5 - 16mm²	1

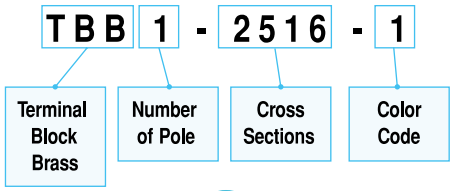
CODE		DESCRIPTIONS	Box
		250A	
KBD 250	Input	1 x 35 - 120mm²	1
	Output	2 x 6 - 35mm² 5 x 2,5 - 16mm² 4 x 2,5 - 10mm²"	1

CODE		DESCRIPTIONS	Box
		400A	
KBD 400	Input	1 x 95 - 185mm²	1
	Output	2 x 6 - 35mm² 5 x 2,5 - 16mm² 4 x 2,5 - 10mm²"	1

MAIN BRANCH TERMINALS



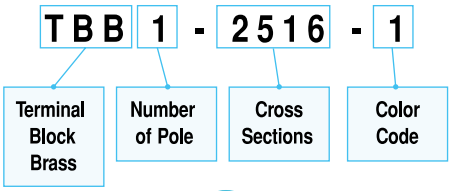
CODE	Number of Pole	Cover Color	Cross Section (max) Per Pole	Torque	Nominal Current (A)
TBB 1-2516-1	1	Grey	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 1-2516-2	1	Blue	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 1-2516-3	1	Green	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 1-2516-4	1	Brown	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 1-2516-5	1	Black	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 1-2525-1	1	Grey	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 1-2525-2	1	Blue	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 1-2525-3	1	Green	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 1-2525-4	1	Brown	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 1-2525-3	1	Black	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 1-2535-1	1	Grey	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 1-2535-2	1	Blue	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 1-2535-3	1	Green	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 1-2535-4	1	Brown	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 1-2535-5	1	Black	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)



MAIN BRANCH TERMINALS



CODE	Number of Pole	Cover Color	Cross Section (max) Per Pole	Torque	Nominal Current (A)
TBB 5-2516-1	5	● ● ● ● ●	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 5-2516-2	5	● ● ● ● ●	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 5-2516-3	5	● ● ● ● ●	2x25 mm² , 2x16 mm²	2,5-2 Nm	130 (Cu) , 100 (A)
TBB 5-2525-1	5	● ● ● ● ●	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 5-2525-2	5	● ● ● ● ●	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 5-2525-3	5	● ● ● ● ●	2x25 mm² , 2x25 mm²	2,5 Nm	130 (Cu) , 100 (A)
TBB 5-2535-1	5	● ● ● ● ●	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 5-2535-2	5	● ● ● ● ●	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)
TBB 5-2535-3	5	● ● ● ● ●	2x35 mm² , 2x25 mm²	2,5-3 Nm	130 (Cu) , 100 (A)



TERMINAL BLOCKS (TBA) 50 mm ²



TBA 1050A1



TBA 1050A2



TBA 1050A3



TBA 1050A4



TBA 1050A5

CODE	Type	
TBA 1050A1	UNIVERSAL TERMINAL 50 mm2 GRAY	
TBA 1050A2	UNIVERSAL TERMINAL 50 mm2 BLUE	
TBA 1050A3	UNIVEERSAL TERMINAL 50 mm2 GREEN	
TBA 1050A4	UNIVERSAL TERMINAL 50 mm2 BROWN	
TBA 1050A5	UNIVERSAL TERMINAL 50 mm2 BLACK	

TERMINAL BLOCKS (TBA) 50 mm ²



TBA 2050A1



TBA 2050A2



TBA 2050A3



TBA 2050A4



TBA 2050A5

CODE	Type	
TBA 2050A1	UNIVERSAL TERMINAL 50 mm2 GRAY	
TBA 2050A2	UNIVERSAL TERMINAL 50 mm2 BLUE	
TBA 2050A3	UNIVEERSAL TERMINAL 50 mm2 GREEN	
TBA 2050A4	UNIVERSAL TERMINAL 50 mm2 BROWN	
TBA 2050A5	UNIVERSAL TERMINAL 50 mm2 BLACK	



TBA 5050A1

CODE	Type	
TBA 5050A1	5 Pole 1x Al/Cu 6-50mm2	

TERMINAL BLOCKS (TBA) 95 mm ²



TBA 1095A1



TBA 1095A2



TBA 1095A3



TBA 1095A4



TBA 1095A5

CODE	Type	
TBA 1095A1	UNIVERSAL TERMINAL 95 mm2 GRAY	
TBA 1095A2	UNIVERSAL TERMINAL 95 mm2 BLUE	
TBA 1095A3	UNIVERSAL TERMINAL 95 mm2 GREEN	
TBA 1095A4	UNIVERSAL TERMINAL 95 mm2 BROWN	
TBA 1095A5	UNIVERSAL TERMINAL 95 mm2 BLACK	



TBA 2095A1



TBA 2095A2



TBA 2095A3



TBA 2095A4



TBA 2095A5

CODE	Type	
TBA 2095A1	1 Pole 2x Al/Cu 6-95mm2 GRAY	
TBA 2095A2	1 Pole 2x Al/Cu 6-95mm2 BLUE	
TBA 2095A3	1 Pole 2x Al/Cu 6-95mm2 GREEN	
TBA 2095A4	1 Pole 2x Al/Cu 6-95mm2 BROWN	
TBA 2095A5	1 Pole 2x Al/Cu 6-95mm2 BLACK	

TERMINAL BLOCKS (TBA) 150 mm ²



TBA 10150A1



TBA 10150A2



TBA 10150A3



TBA 10150A4



TBA 10150A5

CODE	Type	
TBA 10150A1	UNIVERSAL TERMINAL 150 mm2 GRAY	
TBA 10150A2	UNIVERSAL TERMINAL 150 mm2 BLUE	
TBA 10150A3	UNIVERSAL TERMINAL 150 mm2 GREEN	
TBA 10150A4	UNIVERSAL TERMINAL 150 mm2 BROWN	
TBA 10150A5	UNIVERSAL TERMINAL 150 mm2 BLACK	



TBA 20150A1



TBA 20150A2



TBA 20150A3



TBA 20150A4



TBA 20150A5

CODE	Type	
TBA 20150A1	1 Pole 2x Al/Cu 6-150mm2 GRAY	
TBA 20150A2	1 Pole 2x Al/Cu 6-150mm2 BLUE	
TBA 20150A3	1 Pole 2x Al/Cu 6-150mm2 GREEN	
TBA 20150A4	1 Pole 2x Al/Cu 6-150mm2 BROWN	
TBA 20150A5	1 Pole 2x Al/Cu 6-150mm2 BLACK	

TERMINAL BLOCKS (TBA) 240 mm ²



TBA 10240A1



TBA 10240A2



TBA 10240A3



TBA 10240A4



TBA 10240A5

CODE	Type	
TBA 10240A1	UNIVERSAL TERMINAL 240 mm2 GRAY	
TBA 10240A2	UNIVERSAL TERMINAL 240 mm2 BLUE	
TBA 10240A3	UNIVERSAL TERMINAL 240 mm2 GREEN	
TBA 10240A4	UNIVERSAL TERMINAL 240 mm2 BROWN	
TBA 10240A5	UNIVERSAL TERMINAL 240 mm2 BLACK	



TBA 20240A1



TBA 20240A2



TBA 20240A3



TBA 20240A4



TBA 20240A5

CODE	Type	
TBA 20240A1	1 Pole 2x Al/Cu 6-240mm2 GRAY	
TBA 20240A2	1 Pole 2x Al/Cu 6-240mm2 BLUE	
TBA 20240A3	1 Pole 2x Al/Cu 6-240mm2 GREEN	
TBA 20240A4	1 Pole 2x Al/Cu 6-240mm2 BROWN	
TBA 20240A5	1 Pole 2x Al/Cu 6-240mm2 BLACK	

TERMINAL BLOCKS (TBA) 300 mm ²



TBA 10300A1



TBA 10300A2



TBA 10300A3

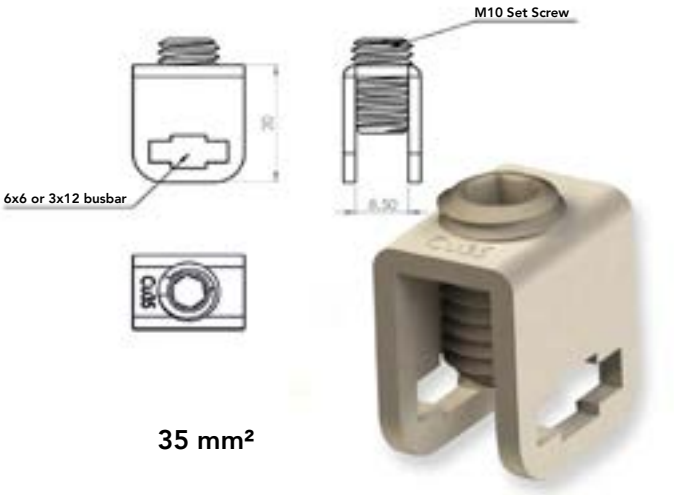
CODE	Type	
TBA 10300A1	UNIVERSAL TERMINAL 300 mm2 GRAY	
TBA 10300A2	UNIVERSAL TERMINAL 300 mm2 BLUE	
TBA 10300A3	UNIVERSAL TERMINAL 300 mm2 GREEN	

TERMINAL BLOCKS



PE / N TERMINALS

BUSBAR TERMINAL



35 mm²

CODE	DESCRIPTIONS	Box
SMK 35	6x6 / 3x12 Copper clamps for 35mm2 cable / M10 Hexagon	150
SMK 16	6x6 / 3x12 Copper clamps for 16mm2 cable	-
SMK 6	6x6 / 3x12 Copper clamps for 6mm2 cable	-

BUSBAR HOLDER

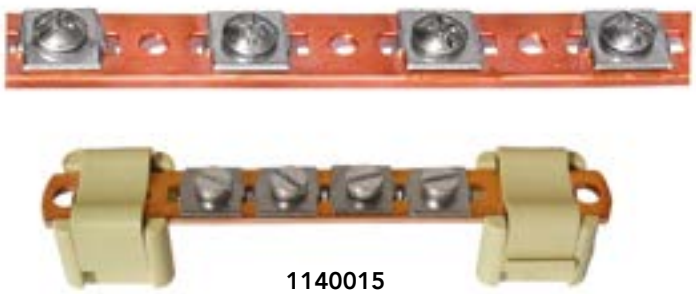


CODE	DESCRIPTIONS	Box
SBT	5x5 / 3x12 Copper holder (Srewable)	60

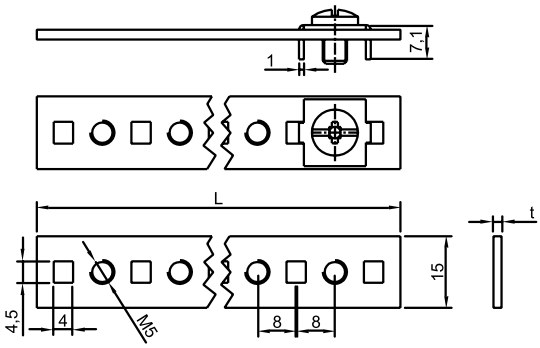


CODE	DESCRIPTIONS	Box
3x12x1000mm TP	3x12 Copper bar 1 meter (Tin Plated)	15m
3x10x1000mm TP	3x10 Copper bar 1 meter (Tin Plated)	20m

NEUTRAL GRAUNDED BUSBAR (SCREW-ON / FLAT COPPER)



1140015



CODE	DESCRIPTIONS Screws	Dia	Current (A)	t (mm)	L (mm)	Pcs. Box
1140001	31	1.5 x 15 mm	100	1,50	1000	25
1140002	62	1.5 x 15 mm	100	1,50	1000	25
1140003	31	2 x 15 mm	125	2	1000	25
1140004	62	2 x 15 mm	125	2	1000	25
1140005	31	3 x 15 mm	150	2	1000	25
1140006	62	3 x 15 mm	150	2	1000	25
1140015	Busbar Support Suitable for 3x10 / 3x12 / 3x15 busbars					100

Note: Grey colour busbar support is available upon request.

ACT SERIES UNIVERSAL CONNECTORS (Al/Cu)



CODE	ACT-050	ACT-095	ACT-150	ACT-240	ACT-300
Product Name	Universal connector 6-50 mm²	Universal connector 6-95 mm²	Universal connector 25-150 mm²	Universal connector 350-240 mm²	Universal connector 95-300 mm²
Nominal Current (IEC)	160 A (Cu) 145 A (Al)	160 A (Cu) 145 A (Al)	160 A (Cu) 145 A (Al)	160 A (Cu) 145 A (Al)	160 A (Cu) 145 A (Al)
Nominal Voltage (IEC)	690 V	690 V	690 V	690 V	690 V
Number of Pole	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
Max.Cross Section	50 mm²	50 mm²	50 mm²	50 mm²	50 mm²
Tightening torque	3,5 Nm (6-10 mm²) 12 Nm (16-50 mm²)	3,5 Nm (6-10 mm²) 12 Nm (16-50 mm²)	3,5 Nm (6-10 mm²) 12 Nm (16-50 mm²)	3,5 Nm (6-10 mm²) 12 Nm (16-50 mm²)	3,5 Nm (6-10 mm²) 12 Nm (16-50 mm²)
Weight	10 gr	10 gr	10 gr	10 gr	10 gr
Max. Operating Temp.	80 °C	80 °C	80 °C	80 °C	80 °C
Mounting	Aluminium Screw M10	Aluminium Screw M14	Aluminium Screw M16	Aluminium Screw M20	Aluminium Screw M20
Material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Surface	Tin Plated	Tin Plated	Tin Plated	Tin Plated	Tin Plated
Standarts	EN 61238	EN 61238	EN 61238	EN 61238	EN 61238

Al/Cu DEVICE CONNECTOR

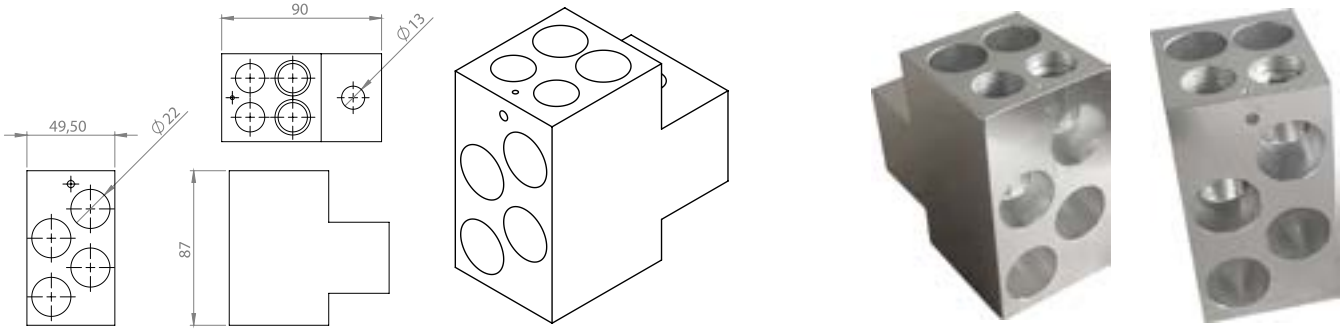
* Our aluminium connectors are in accordance with the Standard IEC EN 61238-1 and IEC EN 60947-7-1
* Aluminium 6005, plated with tin. Compatibility with Chint NM8N-800 and NM8N-1600.



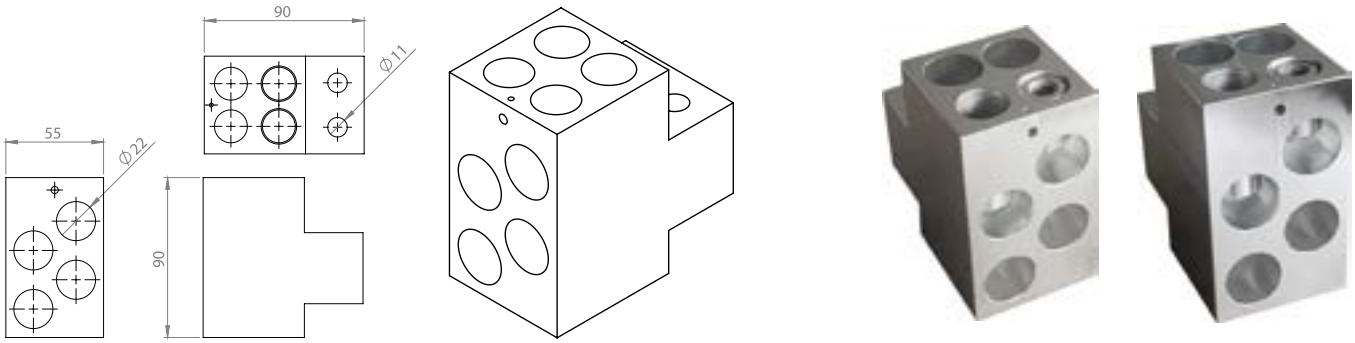
Custom production for different brands are available upon request

Code	Description
NM8N-800 4x240mm²	Cableclamp NM8N-800 4x240mm²
NM8N-1600 4x240mm²	Cableclamp NM8N-1600 4x240mm²
NM8N-1600 8x240mm²	Cableclamp NM8N-1600 8x240mm²

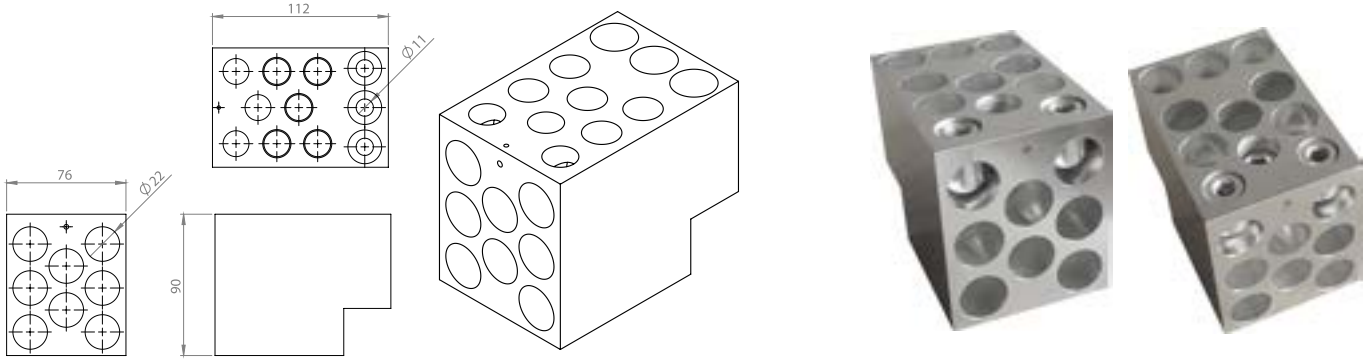
NM8N-800 4x240mm²



NM8N-1600 4x240mm²



NM8N-1600 8x240mm²



16 mm² CONNECTION TERMINALS FOR Cu - BUSBARS (SPRING)



CODE	DESCRIPTIONS	BOX PCS
2140	SK16 F 5 Connection Terminals For Cu Bar 1.5 - 16 mm²	100
2141	SK16 F 10 Connection Terminals For Cu Bar 1.5 - 16 mm²	100

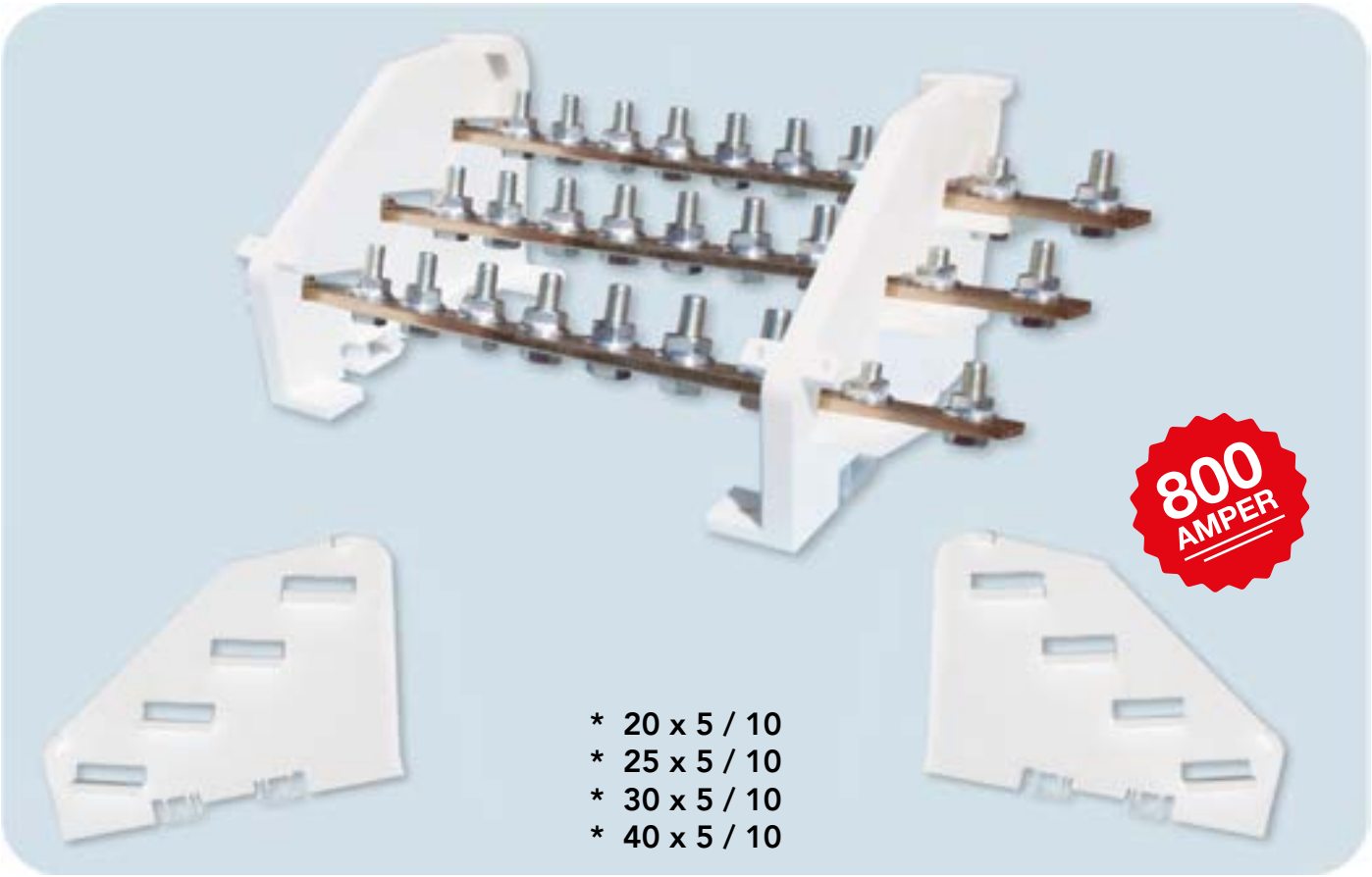


35 mm² CONNECTION TERMINALS FOR Cu - BUSBARS (SPRING)



CODE	DESCRIPTIONS	BOX PCS
2142	SK35 F 5 Connection Terminals For Cu Bar 1.5 - 35 mm²	50
2143	SK35 F 10 Connection Terminals For Cu Bar 1.5 - 35 mm²	50

FORMING INSULATOR (3/4 Pole - Max. 40x10 mm)



- UL94V0 incombustibility standard
- Ergonomic and compact structure.
- Developed design against short-circuit forces
- Easy assembly and operation solution in Form of 1-2-3-4
- Safe and aesthetic busbar

CODE	DESCRIPTIONS	BOX PCS
IRTPF-4003	3-Pole Forming Insulator (Max. 40x10)	1 SET
IRTPF-4004	4-Pole Forming Insulator (Max. 40x10)	1 SET

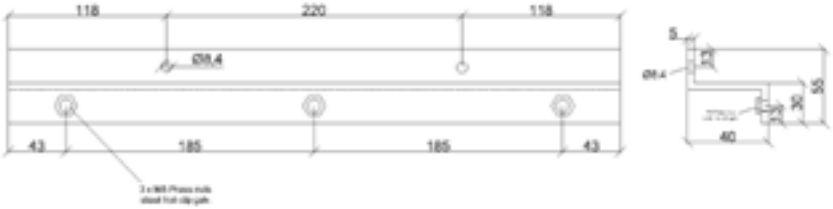
SMC BUSBAR SUPPORTS





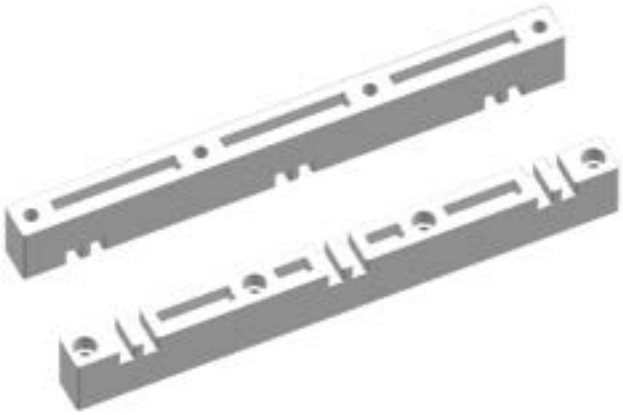
PROPERTIES

- Operational alternating current 1000 V
- Continuous current exceeding 4000 A
- Phase interval 185 mm
- Colour : RAL 7035
- Nuts : M8 Steel Zinc coated
- Made from GFRP - SMC

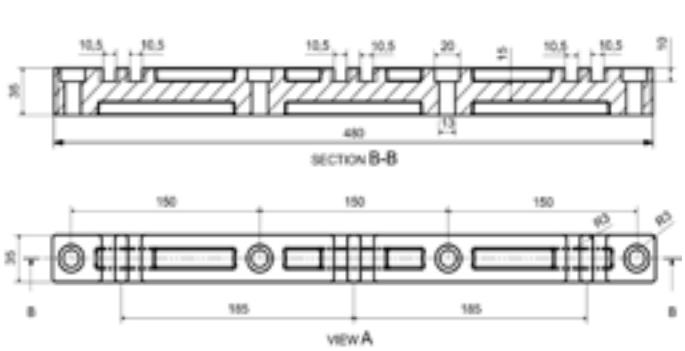


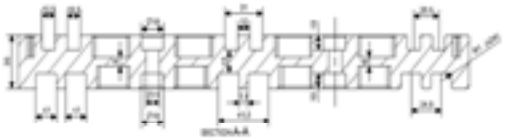
copper bars	bus bar system (mm) a	Icw (1s) (kA)
100x10	185	50
80x10	185	50
50x10	185	40
30x10	185	30

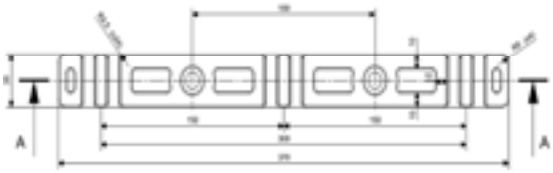
BUSBAR SUPPORTS











*Custom producionț is available upon request.

CODE	Service Voltage ~(V)	Phase Distance	Number and Thickness of Busbars	Weight kg /pc.	Box Qty.
BT-185	1000	185 mm	2 x 10 mm	0.970	20 pcs.

CODE	Service Voltage ~(V)	Phase Distance	Number and Thickness of Busbars	Weight kg /pc.	Box Qty.
BT-150	1000	150 mm	2x10 mm / 2x16,5 mm	0.572	20 pcs.

PLASTIC BUSBAR SUPPORTS

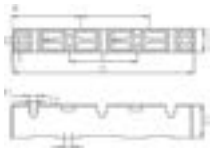
Low tension post insulators is made of non-flammable (V0) material. It is used for the same purpose as BMC insulators. It is more flexible than BMC insulators due to refraction rate is low. It's chemical characters are listed below:

- *Fiber Glass reinforced poliamid (PA6) nonflamable, has 30% of fibers.*
- *Standart color: Black*
- *Nuts: Steel-zinc line. (Brass material can used if needed)*
- *Bolts: Cr3 8.8 steel bolt*



3x1F Support Insulator

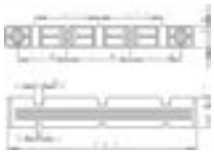




CODE	TYPE	Dimensions (mm)								Min Strenght kN	Box Qty
		A	C	D	E1	E2	F1	F2	H		
PLST1001	3x1F/ 5-10mm	74	73	196	25	34,5	10,5	5,5	Ø8,5	5	50

3x1F Support Insulator

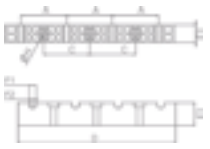




CODE	TYPE	Dimensions (mm)								Min Strenght kN	Box Qty
		A	C	D	E1	E2	F1	F2	H		
PLST1015	3x1F/ 5-10mm	74	74	58,14	220	25	35	10,5	Ø8,5	5	50

3x1F+N Support Insulator

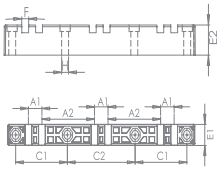




CODE	TYPE	Dimensions (mm)								Min Strenght kN	Box Qty
		A	C	D	E1	E2	F1	F2	H		
PLST1003	3x1F+N/ 5-10mm	65	65	240	25,5	35,0	10,5	5,5	Ø9	5	50

3x2F Support Insulator





CODE	TYPE	Dimensions (mm)									Min Strenght kN	Box Qty
		A1	A2	C1	C2	D	E1	E2	F	H		
PLST1002	3x2F/ 10mm	20,5	81,3	80	105	290	25,0	34,5	10,5	Ø8,5	5	50

4x2F Support Insulator

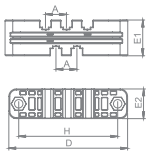




CODE	TYPE	Dimensions (mm)										Min Strenght kN	Box Qty
		A1	A2	C1	C2	D	E1	E2	F1	F2	H		
PLST1016	4x2F / 10mm 4x2F / 10mm	31	64	95	95	340	25,0	35	10,5	5,5	Ø8,5	5	50

1x2F/1x3F Support Insulator

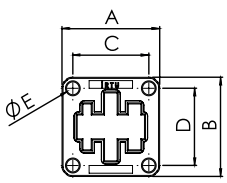




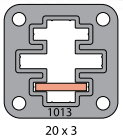
CODE	TYPE	Dimensions (mm)					Min Strenght kN	Box Qty
		A	D	H	E1	E2		
PLST1012	1x2F - 1x3F / 10mm	20,5	120	100	35	30	5	100

THROUGH WALL BUSHINGS

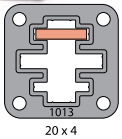




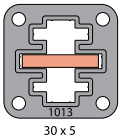
CODE	TYPE	Dimensions (mm)					Min Strenght kN	Box Qty
		A	B	C	D	E		
PLST1013	Bushing Insulators 20x5/20x10/40x10/50x10	45,0	45,0	35,0	35,0	5,80	5	100
PLST1014	Bushing Insulators 20x5/20x10/40x10/50x10	60,0	60,0	45,0	45,0	6,50	5	100



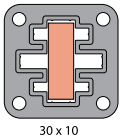
20 x 3

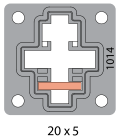


20 x 4

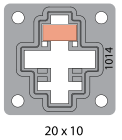


30 x 5

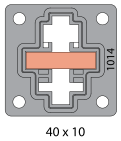

30 x 10



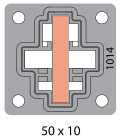
20 x 5



20 x 10



40 x 10



50 x 10



PROPERTIES	
Material	Glass Reinforced Polyamid 6.6
Conductor Temp	140 °C
Flamability	UL94-V0
Equipment Voltage U	690V
Insulation Voltage U	8 kV
Glow Wire	960 °C



FIBERGLASS







Glass mat and unsaturated polyester resin bulk, special laminated halogen-free UPGM 203 is used for many kinds of both electrical and mechanical applica tions. Due to its excellent mechanical and thermal qualities it is used in electrical switchboards , transformers and many more, where a Class F material is a must. The product complies with UL94 flame resistance test to V0, as well as having a tracking test. UPGM 203 can be manufactured with both SMC and Hand Lay-up method.



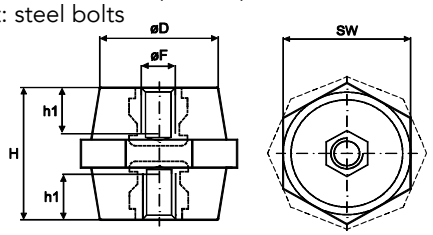
* Custom production is available upon request

CODE	DESCRIPTIONS	SIZE (mm)		
		Thickness	W	H
İRCEP038001200	Fiber Glass Polyester Plate	3	800	1200
İRCEP058001200		5	800	1200
İRCEP108001200		10	800	1200
İRCEP158001000		15	800	1200
İRCEP208001200		20	800	1200
İRCEP258001200		25	800	1200
İRCEP308001200		30	800	1200
İRCET030301200	Fiber Glass Polyester Wedge	3	30	1200
İRCET030401200		3	40	1200
İRCET030501200		3	50	1200
İRCET030601200		3	60	1200
İRCET050301200	Fiber Glass Polyester Wedge	5	30	1200
İRCET050401200		5	40	1200
İRCET050501200		5	50	1200
İRCET050601200		5	60	1200
İRCET100301200	Fiber Glass Polyester Wedge	10	30	1200
İRCET100401200		10	40	1200
İRCET100501200		10	50	1200
İRCET100601200		10	60	1200
İRCET150301200	Fiber Glass Polyester Wedge	15	30	1200
İRCET150401200		15	40	1200
İRCET150501200		15	50	1200
İRCET150601200		15	60	1200
İRCET200301200	Fiber Glass Polyester Wedge	20	30	1200
İRCET200401200		20	40	1200
İRCET200501200		20	50	1200
İRCET200601200		20	60	1200
İRCET250301200	Fiber Glass Polyester Wedge	25	30	1200
İRCET250401200		25	40	1200
İRCET250501200		25	50	1200
İRCET250601200		25	60	1200
İRCET300301200	Fiber Glass Polyester Wedge	30	30	1200
İRCET300401200		30	40	1200
İRCET300501200		30	50	1200
İRCET300601200		30	60	1200

LOW VOLTAGE STANDOFF INSULATORS

* Threads: steel zinc coated (upon request brass, stainless steel, 8.8 grade steel)
* Upon request: steel bolts

Technical Data





Part No.	Dimensions (mm)					Service Voltage ~kV	Test Voltage ~kV	Cantilever Strength kN	Tensile Strength kN	Max. Tightening Torque Nm	Torque Strength Nm	Weight kg/100 pcs.	Box Qty.
	H	øF	SW	øD	h1								
EA-201706	20	M6	Hex 17	15	5	0,6	3	1	2	3	10	1.25	100
EA-252205	25	M5	Hex 22	18	6	1	6	1	3	2.5	10	2.00	100
EA-252206		M6			6			1	3	4.5	15	2.00	
EA-303006	30	M6	Hex 30	26	6	1,5	10	3	6	12	20	5.40	80
EA-303008		M8			8			3	7	20	40	5.30	
EA-303010		M10			9			3	6	30	40	5.10	
EA-304008	30	M8	Hex 40	36	9	1,5	10	5	9	20	50	8.50	100
EA-353206	35	M6	Hex 32	28	8	1,5	12	4.5	8	12	20	7.00	100
EA-353208		M8			10			5	8	20	50	7.20	
EA-353210		M10			10			5	8	40	70	6.90	
EA-353508	35	M8	Hex 35	30	10	1,5	12	5	6.5	20	50	7.80	100
EA-353510		M10			10			5	7	40	75	8.00	
EA-354006	35	M6	Hex 40	35	8	1,5	12	4.5	8	12	20	8.60	100
EA-354008		M8			10			5	10	20	45	8.70	
EA-354010		M10			10			5	7	40	75	8.80	
EA-403006	40	M6	Hex 30	26	8	2	15	2	6	12	20	6.90	60
EA-403008		M8			10			3	9	16	45	7.00	
EA-403606	40	M6	Hex 36	32	8	2	15	4.5	6	12	20	10.60	100
EA-403608		M8			10			5	8	20	45	10.20	
EA-403610		M10			12			6	10	40	75	10.80	
EA-404006	40	M6	Hex 40	35	8	2	15	4.5	6	12	20	10.20	75
EA-404008		M8			10			5	11	20	50	10.70	
EA-404010		M10			12			6	10	40	75	11.50	
EA-404012		M12			11			7.5	11	40	90	11.80	
EA-404610	40	M10	Hex 46	40	12	2	15	8	11	40	80	14.00	50
EA-454608	45	M8	Hex 46	38	10	2	15	6	8	20	50	14.80	50
EA-454610		M10			12			8	10	40	90	15.30	
EA-454612		M12			15			8	11	40	100	16.00	
EA-503606	50	M6	Hex 36	29	8	2	15	4	9	12	20	10.50	80
EA-503608		M8			10		15	4.5	9	20	50	10.90	
EA-503610		M10			14		15	4.5	9	40	75	12.20	
EA-503612		M12			15		11	4.5	9	30	80	13.00	
EA-504010	50	M10	Hex 40	28	14	2	15	5	13	40	80	14.00	50
EA-505008	50	M8	Hex 50	42	10	2	15	6.5	11	20	50	18.50	50
EA-505010		M10			14			7	15	40	90	19.00	
EA-505012		M12			15			9	15	70	125	20.10	
EA-604010	60	M10	Hex 40	35	14	3	20	4.5	20	40	90	16.20	50
EA-605012	60	M12	Hex 50	42	18	3	15	8	20	70	140	26.00	32
EA-605508	60	M8	Hex 55	43	15	3	15	6	15	20	50	28.00	50
EA-605510		M10			14			7	18	40	90	28.20	
EA-605512		M12			20			10	22	70	140	27.20	
EA-634110	63	M10	Hex 41	31	15	3		6	15	40	90	16.00	50
EA-754610	75	M10	Hex 46	36	17	3	20	4	16	40	90	23.10	9
EA-754612		M12			20			7	12	70	125	25.00	
EA-1006510	100	M10	Hex 65	52	18	5	26	8	30	40	100	66.00	
EA-1006512		M12			18			9	30	70	140	64.80	
EA-1006516		M16			24			11	30	95	190	63.10	

LIMIT SWITCHES

L5 Series, Plastic Body, Snap Action, IP 65



L5K13MIP311 L5K13MIP411 L5K13MUM331 L5K13MUM332R

L5K13MEP123 L5K13MEP124 L5K13MIP211 L5K13MEL121

Code	Actuator	Actuator Type	Actuator End Unit Material
L5K13MIP211*	Angular Action Roller One Way (22mm)	Plastic	Plastic
L5K13MIP311*	Angular Action Roller One Way	Plastic	Plastic
L5K13MIM311R	Angular Action Roller One Way, Adjustable	Plastic	Metal
L5K13MIP411*	Angular Action Roller One Way	Plastic	Plastic
L5K13MIP411R*	Angular Action Roller One Way, with Reset	Plastic	Plastic
L5K13MIM211*	Angular Action Roller One Way (22mm)	Plastic	Metal
L5K13MIM311*	Angular Action Roller One Way	Plastic	Metal
L5K13MIM411*	Angular Action Roller One Way	Plastic	Metal
L5K13MIM411R	Angular Action Roller One Way, Adjustable	Plastic	Metal
L5K13MEP121*	Angular Action Roller Two Way	Plastic	Plastic
L5K13MEP122*	Angular Action Roller Two Way, Adjustable	Plastic	Plastic
L5K13MEP123*	Angular Action Roller Two Way, Adjustable	Plastic	Plastic
L5K13MEP124*	Angular Action Roller Two Way, Adjustable	Plastic	Plastic
L5K13MEM121*	Angular Action Roller Two Way	Plastic	Metal
L5K13MEM122*	Angular Action Roller Two Way, Adjustable	Plastic	Metal
L5K13MEM123*	Angular Action Roller Two Way, Adjustable	Plastic	Metal
L5K13MEL121*	Angular Action Roller Two Way	Plastic	Rubber
L5K13MEL122*	Angular Action Roller Two Way, Adjustable	Plastic	Rubber
L5K13MEL123*	Angular Action Roller Two Way, Adjustable	Plastic	Rubber
L5K13MEL123A*	Angular Action Roller Two Way, Adjustable	Plastic	Rubber
L5K13MEM124*	Angular Action Roller Two Way, Adjustable	Plastic	Metal
L5K13PUM211*	Plunger	Plastic	Metal
L5K13PUM211R*	Plunger, with Reset	Plastic	Metal
L5K13PUP211	Plunger	Plastic	Plastic
L5K13MUM331*	Linear Roller	Plastic	Metal
L5K13MUM331R*	Linear Roller, with Reset	Plastic	Metal
L5K13SOM101	Spiral Lever	Plastic	Metal
L5K13SOM102	Spiral Arm	Plastic	Metal
L5K13SOM103	Spiral Arm	Plastic	Metal
L5K13SOP101	Spiral Arm	Plastic	Plastic-Metal
L5K13SOP102	Spiral Arm	Plastic	Plastic-Metal
L5K13SOP103	Spiral Arm	Plastic	Plastic-Metal
L5K13ROP101*	Rigid Rod	Plastic	Plastic
L5K13CPDE	Emergency Stop	Plastic	Plastic
L5K13REM121	Fiber Arm	Plastic	Metal

L52 Series, Metal Body, Snap Action, IP 65



L52K13MIM311 L52K13MIM411 L52K13MUM331 L52K13PUM211 L52K13MIP211

L52K13MEP123 L52K13MEP124 L52K13REF121 L52K13REM121

Code	Actuator	Actuator Type	Actuator End Unit Material
L52K13MIP211	Angular Action Roller One Way	Metal	Plastic
L52K13MIP311*	Angular Action Roller One Way	Metal	Plastic
L52K13MIP411*	Angular Action Roller One Way	Metal	Plastic
L52K13MIM211	Angular Action Roller One Way	Metal	Metal
L52K13MIM311*	Angular Action Roller One Way	Metal	Metal
L52K13MIM411*	Angular Action Roller One Way	Metal	Metal
L52K13MEP121*	Angular Action Roller Two Way	Metal	Plastic
L52K13MEP122*	Angular Action Roller Two Way, Adjustable.	Metal	Plastic
L52K13MEP123*	Angular Action Roller Two Way, Adjustable.	Metal	Plastic
L52K13MEP124*	Angular Action Roller Two Way, Adjustable.	Metal	Plastic
L52K13MEP125*	Angular Action Roller Two Way	Metal	Plastic-Metal
L52K13MEM121*	Angular Action Roller Two Way	Metal	Metal
L52K13MEM122*	Angular Action Roller Two Way, Adjustable.	Metal	Metal
L52K13MEM123*	Angular Action Roller Two Way, Adjustable.	Metal	Metal
L52K13MEL121*	Angular Action Roller Two Way, Adjustable.	Metal	Rubber
L52K13MEL122*	Angular Action Roller Two Way	Metal	Rubber
L52K13MEL123*	Angular Action Roller Two Way, Adjustable.	Metal	Rubber
L52K13MEL123A*	Angular Action Roller Two Way, Adjustable.	Metal	Rubber
L52K13MEM124*	Angular Action Roller Two Way, Adjustable.	Metal	Metal
L52K13PUM211*	Pim	Metal	Metal
L52K13MUM331*	Linear Roller	Metal	Metal
L52K13MUP331	Linear Roller	Metal	Plastic
L52K13SOM101	Spiral Lever	Metal	Metal
L52K13SOM102	Spiral Arm	Metal	Metal
L52K13SOM103	Spiral Arm	Metal	Metal
L52K13SOP101	Spiral Arm	Metal	Plastic-Metal
L52K13SOP102	Spiral Arm	Metal	Plastic-Metal
L52K13SOP103	Spiral Arm	Metal	Plastic-Metal
L52K13ROP101*	Rigid Rod	Metal	Plastic
L52K13REF121	Rigid Rod	Metal	Fiber
L52K13REM121*	Rigid Rod	Metal	Metal
L52K13LEM411	Hinge	Metal	Metal
L52K13LEM412	Hinge	Metal	Metal
L52K13LEM511	Hinge	Metal	Metal
L52K13LEM621	Hinge	Metal	Metal
L52K13LEM622	Hinge	Metal	Metal

Button Switch, IP50

Code	Contact Type	Actua-tor	Actuator Material	Box/Pcs
BS1010	1 NO, Snap Action	Plunger	Plastic	20
BS1010E	1 NO, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1011	1 NC,Snap Action	Plunger	Plastic	20
BS1011E	1 NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1012	1NO+1NC, Snap Action	Plunger	Plastic	20
BS1012E	1NO+1NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1020	1 NO, Slow Action	Plunger	Plastic	20
BS1021	1 NC, Slow Action	Plunger	Plastic	20
BS1022	1NO+1NC, Snap Action	Plunger	Plastic	20

BS1022





BS1012

BS1010-E





BS1012-E

FLEXIBLE BRAIDED BARS (Tin plated)



COVER STAY



- Cover Stay with automatic lock to keep the door open
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers

MATERIAL

STEEL

FINISH **Zinc plated**

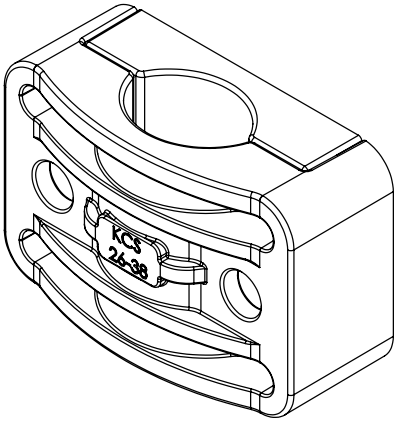
MEDIUM VOLTAGE INSULATORS



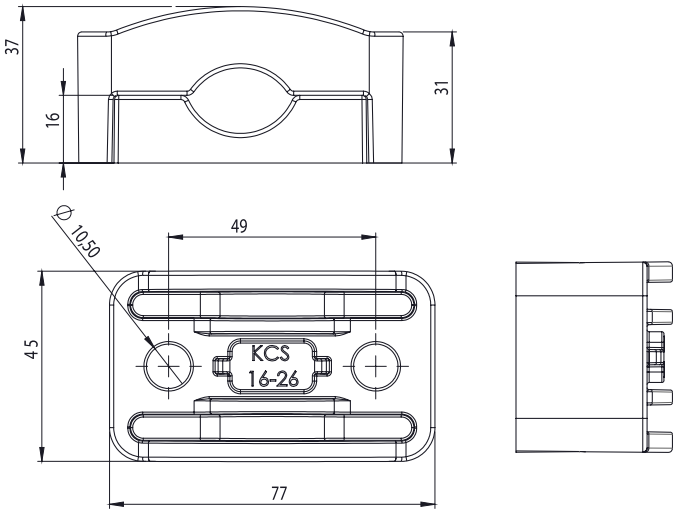
MEDIUM VOLTAGE CABLE HOLDER

* Our tested cable cleats in accordance with the Standard IEC 61914:2015 are suitable against high short circuit levels.

* Glass fibre reinforced polyamide, fire resistant, high UV and chemical resistance, halogen-free and fully recyclable.



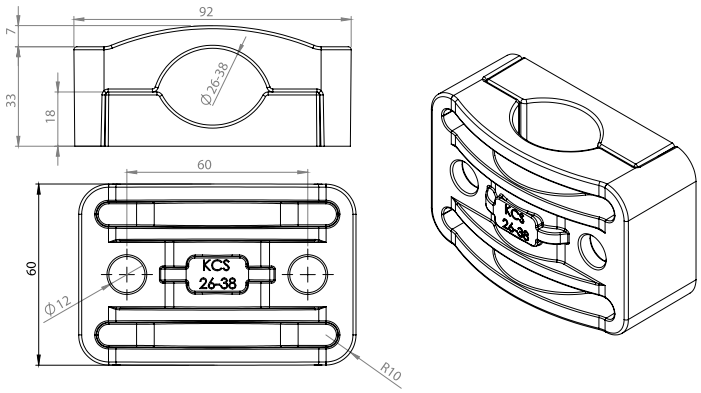
KCS 16-26



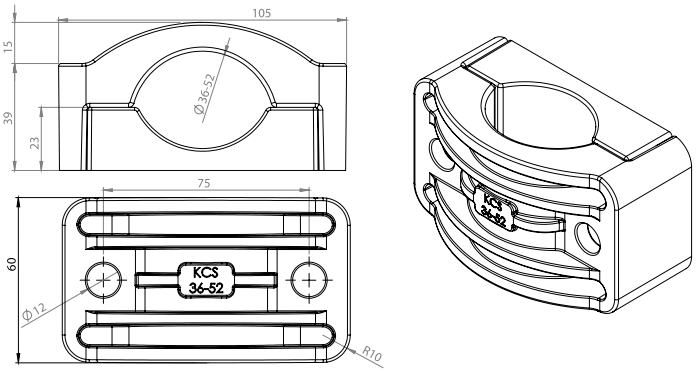
Custom production is available upon request

No	Code	Description	Box Qnty.
1	**KCS 16-26**	16 - 26 MV Cable Holder	210
2	**KCS 26-38**	26 - 38 MV Cable Holder	140
3	**KCS 36-52**	36 - 52 MV Cable Holder	100
4	**KCS 50-76**	50 - 76 MV Cable Holder	60
5	**KCS 75-100**	75 - 100 MV Cable Holder	20

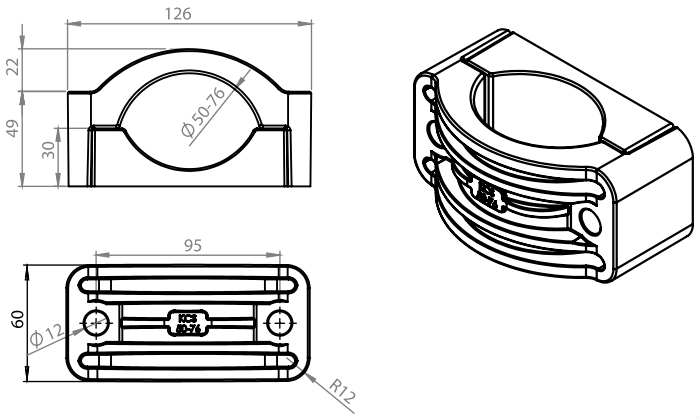
KCS 26-38



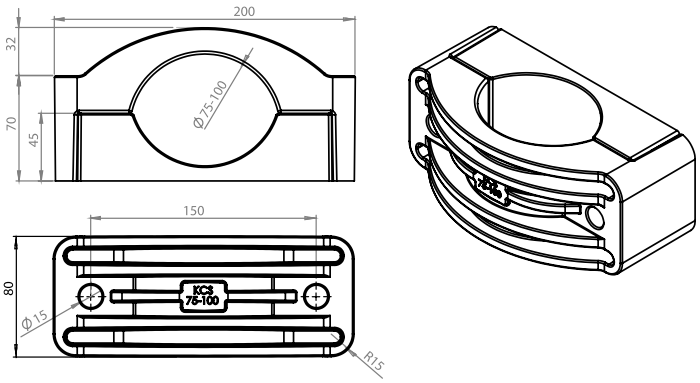
KCS 36-52



KCS 50-76



KCS 75-100

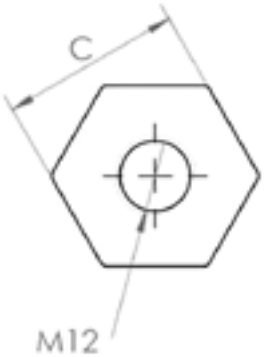


OTR SERIES GROUNDING BALL STUDS





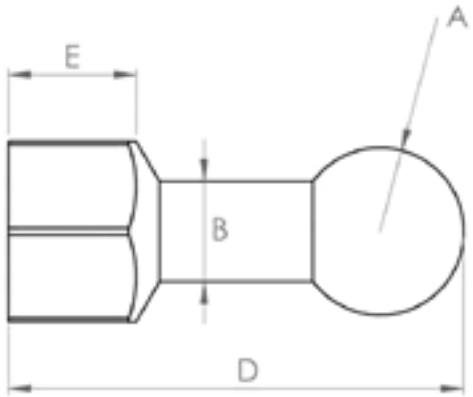




General Information			
PRODUCT CODE	OTR 20	OTR 25	OTR 30
PRODUCT NAME	Grounding Ball		
DESCRIPTION	Ø20 , Ø25 and Ø30 Grounding ball		

Technical Information			
MATERIAL	Copper		
SURFACE	Tin Plated		
DIMENSIONS	AA24 x 58,5	AA27 x 65,5	AA27 x 73
PRODUCT NAME	130 gr.	213 gr	276 gr
CONNECTION TYPE	M12 Bolt		

Package Information			
PACKAGE DIMENSIONS	180 mm x 100 mm x 75 mm		
PCS / BOX	26 Pcs/Box	21 Pcs/Box	18 Pcs/Box
PACKAGE WEIGHT	~3,4 kg	~4,5 kg	~5 kg



	OTR 20	OTR 25	OTR 30
A	Ø20	Ø25	Ø30
B	11	15	15
C	AA24	AA27	AA27
D	58,55	65,5	70,5
E	18	22	22

CABLE DUCT CUTTER

- Flat and 45° angle cutting,
- Cutting without burr,
- Cutting without wastage,
- Ruler for easier set

C 02



Product Code	C 02
Cutting Type	Flat and 45° Degree
Maximum Width	125 mm
Lenght Stop	50 cm
Weight	~9 Kg
Dimensions	15 x 83 x 90 cm

- Flat cutting,
- Cutting without burr,
- Cutting without wastage,
- Ruler for easier setting.

C 01



Product Code	C 01
Cutting Type	Flat
Maximum Width	125 mm
Lenght Stop	50 cm
Weight	~7 Kg
Dimensions	10 x 80 x 85 cm

CABLE DUCTS



CODE	DIMENSIONS	PCS/BOX
CWD 2525G	25x25 Wiring Ducts	120 m.
CWD 2540G	25x40 Wiring Ducts	100 m.
CWD 2560G	25x60 Wiring Ducts	60 m.
CWD 2580G	25x80 Wiring Ducts	48 m.
CWD 2510G	25x100 Wiring Ducts	36 m.
CWD 4025G	40x25 Wiring Ducts	80 m.
CWD 4040G	40x40 Wiring Ducts	52 m.
CWD 4060G	40x60 Wiring Ducts	36 m.
CWD 4080G	40x80 Wiring Ducts	48 m.
CWD 4010G	40x100 Wiring Ducts	40 m.
CWD 6040G	60x40 Wiring Ducts	36 m.
CWD 6060G	60x60 Wiring Ducts	48 m.
CWD 6080G	60x80 Wiring Ducts	36 m.
CWD 6010G	60x100 Wiring Ducts	24 m.
CWD 8040G	80x40 Wiring Ducts	48 m.
CWD 8060G	80x60 Wiring Ducts	32 m.
CWD 8080G	80x80 Wiring Ducts	24 m.
CWD 8010G	80x100 Wiring Ducts	16 m.
CWD 1060G	100x60 Wiring Ducts	24 m.
CWD 1080G	100x80 Wiring Ducts	20 m.
CWD 1010G	100x100 Wiring Ducts	16 m.
CWD 1260G	120x60 Wiring Ducts	16 m.
CWD 1280G	120x80 Wiring Ducts	16 m.
CWD 1210G	120x100 Wiring Ducts	16 m.

DIN RAIL CUTTER and PUNCHING TOOLS



RK4M-02

- 4 different types of slot cutting,
- Punching,
- Cutting without wastage and burr,
- Unblunt blade,
- Ruler for easier setting,
- Profile cutting according to customer's specifications.

Product Code	RK4M-02
Cutting Thickness	1,5 mm
Cutting Capacity	Rail 7,5x35 Copper 3x30 mm Rail 15x35 Tie rod Ø8 mm
Punching	Ø5 mm
Lenght Stop	50 cm
Weight	~10 Kg
Dimensions	13 x 85 x 90 cm



RK3M-02

- Cutting without wastage and burr,
- Unblunt blade,
- Ruler for easier setting,
- Profile cutting according to customer's specifications.

Product Code	RK3M-02
Cutting Thickness	1,5 mm
Cutting Capacity	Rail 5,5x15 Rail 7,5x35 Rail 15x35
Lenght Stop	50 cm
Weight	~8 Kg
Dimensions	10 x 85 x 90 cm

35x15 mm SLOTTED MOUNTING DIN RAILS (GALVANIZED)



CODE	DIMENSIONS	PCS/BOX
4243	2 m	25

35x7,5 mm SLOTTED MOUNTING DIN RAILS (GALVANIZED)



CODE	DIMENSIONS	PCS/BOX
4223	2 m	50

CABLE COLLECTER

Helezon Cable Collect Spirals

Black colour is available upon request.



50 cm



Roll 10 Mt

Code	Product Name	Cable Diamente (mm²)	Diamensions F	E	L	Spool (mt)
İRTU-HR01	No: 1 (Size: 50 cm)	2,5 x 15 mm	6	0.60	7.4	100
İRTU-HR02	No: 2 (Size: 50 cm)	6 x 30 mm	8	0.75	12.0	100
İRTU-HR03	No: 3 (Size: 50 cm)	7,5 x 30 mm	10	0.80	12.3	100
İRTU-HR04	No: 4 (Size: 50 cm)	9 x 32 mm	12	0.85	15.0	100
İRTU-HR05	No: 5 (Size: 50 cm)	12 x 35 mm	15	1.00	15.5	100

Code	Product Name	Cable Diamente (mm²)	Diamensions F	E	L	Spool (mt)
İRTU-HR01	No: 1 (Size: 10 cm)	2,5 x 15 mm	6	0.60	7.4	10
İRTU-HR02	No: 2 (Size: 10 cm)	6 x 30 mm	8	0.75	12.0	10
İRTU-HR03	No: 3 (Size: 10 cm)	7,5 x 30 mm	10	0.80	12.3	10
İRTU-HR04	No: 4 (Size: 10 cm)	9 x 32 mm	12	0.85	15.0	10
İRTU-HR05	No: 5 (Size: 10 cm)	12 x 35 mm	15	1.00	15.5	10



PANEL LED LIGHTING WITH MAGNET

Including 30cm cable and mounting screws









220 / 12 Voltage Panel Led Lighting

Code	Product Name	Voltage	L(mm)	H(mm)
İRTU-LED 22025/M	25 cm Panel Led Lighting	220 Volt	250	23
İRTU-LED 22030/M	30 cm Panel Led Lighting	220 Volt	300	23
İRTU-LED 22035/M	35 cm Panel Led Lighting	220 Volt	350	23
İRTU-LED 22045/M	45 cm Panel Led Lighting	220 Volt	450	23
İRTU-LED 22055/M	55 cm Panel Led Lighting	220 Volt	550	23
İRTU-LED 22060/M	60 cm Panel Led Lighting	220 Volt	600	23

Voltage : 110/220 V AC Watt : 5 W IP : 20 Frequency : 50/60 Hz. Colour : White

12 Voltage Panel Led Lighting

Code	Product Name	Voltage	L(mm)	H(mm)
İRTU-LED 12025/M	25 cm Panel Led Lighting	12 Volt	250	23
İRTU-LED 12030/M	30 cm Panel Led Lighting	12 Volt	300	23
İRTU-LED 12035/M	35 cm Panel Led Lighting	12 Volt	350	23
İRTU-LED 12045/M	45 cm Panel Led Lighting	12 Volt	450	23
İRTU-LED 12055/M	55 cm Panel Led Lighting	12 Volt	550	23
İRTU-LED 12065/M	60 cm Panel Led Lighting	12 Volt	650	23

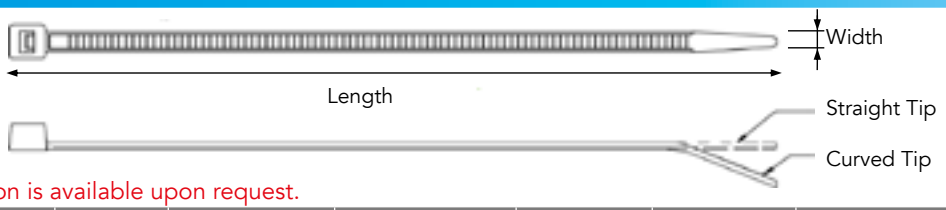
Voltage : 12 V AC Watt : 4 W IP : 20 Colour : White

24 Voltage Panel Led Lighting

Code	Product Name	Voltage	L(mm)	H(mm)
İRTU-LED 24025/M	25 cm Panel Led Lighting	24 Volt	250	23
İRTU-LED 24030/M	30 cm Panel Led Lighting	24 Volt	300	23
İRTU-LED 24035/M	35 cm Panel Led Lighting	24 Volt	350	23
İRTU-LED 24045/M	45 cm Panel Led Lighting	24 Volt	450	23
İRTU-LED 24055/M	55 cm Panel Led Lighting	24 Volt	550	23
İRTU-LED 24065/M	60 cm Panel Led Lighting	24 Volt	650	23

Voltage : Watt : 4 W IP : 20 Colour : White

CABLE TIE



Different colour production is available upon request.

Part No.	Width (mm)	Length (mm)	Max. Bundle Dia (mm)	Min. Tensile Strength (kg)	Box Size (cm)	Pack. Qty. (Bag)	Box Weight (kg)	Packaging Qty. (Ctn)
EB.02.202	2,5	100	22	12	60 x 40 x 40	1.000	23	80.000
EB.12.212	2,5	140	35	12	60 x 40 x 40	100	24	50.000
EB.13.213	2,5	200	54	12	60 x 40 x 40	100	24	35.000
EB.23.223	3,6	100	21	18	60 x 40 x 40	250	25	50.000
EB.03.203	3,6	150	36	18	60 x 40 x 40	100	24	30.000
EB.04.204	3,6	205	54	18	60 x 40 x 40	100	30	25.000
EB.09.209	3,6	250	68	18	60 x 40 x 40	100	29	22.500
EB.10.210	3,6	300	81	18	60 x 40 x 40	100	29	17.500
EB.11.211	3,6	370	102	18	60 x 40 x 40	100	32	16.000
EB.14.214	4,8	200	50	25	60 x 40 x 40	100	28	17.000
EB.06.206	4,8	250	63	25	60 x 40 x 40	100	30	15.000
EB.05.205	4,8	300	80	25	60 x 40 x 40	100	28	15.000
EB.25.225	4,8	350	98	25	60 x 40 x 40	100	32	12.000
EB.16.216	4,8	400	109	25	60 x 40 x 40	100	31	10.000
EB.26.225	4,8	450	125	25	60 x 40 x 40	100	38	9.000
EB.07.207	8	250	62	55	60 x 40 x 40	100	30	8.000
EB.18.218	8	300	75	55	60 x 40 x 40	100	29	6.000
EB.19.219	8	380	105	55	60 x 40 x 40	100	31	6.000
EB.21.221	8	450	124	55	60 x 40 x 40	100	36	4.500
EB.15.215	8	550	160	55	60 x 40 x 40	100	37	4.000
EB.24.224	8	750	220	55	85 x 35 x 24	100	26	2.000
EB.17.217	9	762	225	80	85 x 35 x 24	100	23	1.500
EB.22.222	9	940	290	80	105x35x24	100	29	1.500

CABLE TIE MOUNTS (SELF ADHESIVE & SCREWED)



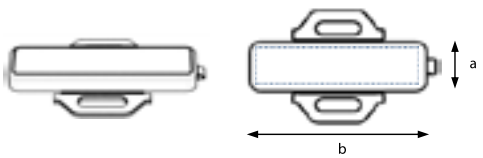
Part No.	a (mm)	b (mm)	Mount. Hole Dia (mm)	Max. Tie Width (mm)	Packaging Qty. (Bag)	Packaging Qty. (Ctn.)
PK.01.1001	20	20	Ø 3,2	3,6	100	25.000
PK.03.1003	28	28	Ø 4,3	4,8	100	12.500

SCREWED TIE MOUNTS



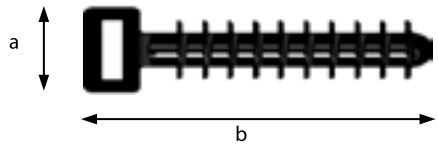
Part No.	a (mm)	b (mm)	Mount. Hole Dia (mm)	Max. Tie Width (mm)	Packaging Qty. (Bag)	Packaging Qty. (Ctn.)
EK.06.1006	10	17	Ø 3,7	4,8	250	40.000
EK.02.1002	17	23	Ø 6,5	8	250	15.000

CABLE TIE MARKER



Part No.	a (mm)	b (mm)	Mount. Area		Max. Tie Width (mm)	Packaging Qty. (Bag)	Packaging Qty. (Ctn.)
			Width (mm)	Length (mm)			
ET.07.907	10	35	7	32	8	100	12.500
ET.06.906	20	45	17	42	8	100	6.000

CONCRETE CROCKET



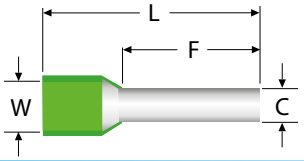
Part No.	a (mm)	b (mm)	Mount. Hole Dia (mm)	Max. Tie Width (mm)	Packaging Qty. (Bag)	Packaging Qty. (Ctn.)
EK.17.1017	13,2	42,8	Ø 8	8	250	12.500

INSULATED CORD END TERMINAL DIN NORM 46228

FRENCH NORM	CODE	CABLE CROSS SECTION (mm²)	F	L	C	W	PCS/ BOX
ST	8005	0,34	8,0	12,0	0,80	1,9	1.000
ST	8007	0,50	8,0	14,0	1,00	2,6	1.000
ST	8010	0,75	8,0	14,0	1,20	2,8	1.000
ST	8014	1,00	8,0	14,0	1,40	3,0	1.000
ST	8017	1,50	8,0	14,0	1,70	3,5	500
ST	8021	2,50	8,0	14,0	2,20	4,2	500
ST	8025	4,00	10,0	17,0	2,80	4,8	200
ST	8028	6,00	12,0	20,0	3,50	6,3	200
ST	8030	10	12,0	22,0	4,50	7,6	100
ST	8032	16	12,0	24,0	5,80	8,8	100
ST	8034	25	16,0	30,0	7,30	11,2	50
ST	8036	35	16,0	30,0	8,30	12,7	50
ST	8039	50	20,0	36,0	10,30	15,0	25
ST	8041	70	21,0	37,0	13,50	16,0	10
ST	8042	95	25,0	44,0	14,70	18,0	10
ST	8043	120	27,0	48,0	16,70	20,0	10
ST	8044	150	32,0	58,0	19,50	23,0	10







INSULATED TWIN CORD AND TERMINAL DIN NORM 46228

FRENCH NORM	CODE	CABLE CROSS SECTION (mm²)	F	L	C	W	PCS/ BOX
ST	8161	2 x 0,50	8,0	15,0	1,5	2,5 / 4,7	500
ST	8162	2 x 0,75	0,8	15,0	1,8	2,8 / 5,0	500
ST	8164	2 x 1,0	8,0	15,0	2,05	3,4 / 5,4	500
ST	8166	2 x 1,0	10,0	17,0	2,05	3,4 / 5,4	500
ST	8168	2 x 2,5	10,0	18,5	2,8	4,2 / 7,8	250
ST	8170	2 x 4,0	12,0	23,0	3,7	4,9 / 8,8	100
ST	8171	2 x 6,0	14,0	26,0	4,8	6,9 / 10,0	100
ST	8172	2 x 10,0	14,0	26,5	6,4	7,6 / 12,8	50
ST	8173	2 x 16,0	14,0	31,5	8,3	9,6 / 18,6	50



Made of copper (nickel plated)
According to DIN 46228
Standart insulated with polyamide,
working temperature
–40 °C - 105 °C

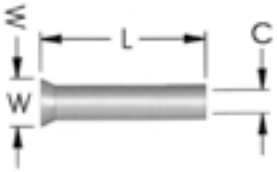


NON - INSULATED CORD AND TERMINALS DIN 46228

CODE	CABLE CROSS SECTION (mm²)	L	C	W	PCS/ BOX
8100	0.50	6.0	1.0	2.1	1.000
8101	0.50	8.0	1.0	2.1	1.000
8102	0.50	10.0	1.0	2.1	1.000
8103	0.75	6.0	1.2	2.3	1.000
8104	0.75	8.0	1.2	2.3	1.000
8105	0.75	10.0	1.2	2.3	1.000
8107	1.0	8.0	1.4	2.5	1.000
8108	1.0	10.0	1.4	2.5	1.000
8109	1.0	12.0	1.4	2.5	1.000
8111	1.5	8.0	1.7	2.8	1.000
8112	1.5	10.0	1.7	2.8	1.000
8113	1.5	12.0	1.7	2.8	1.000
8115	2.5	8.0	2.2	3.4	1.000
8116	2.5	10.0	2.2	3.4	1.000
8117	2.5	12.0	2.2	3.4	1.000
8118	4.0	8.0	2.8	4.0	1000
8120	4.0	10.0	2.8	4.0	1000
8121	4.0	12.0	2.8	4.0	1000
8122	4.0	15.0	2.8	4.0	1000
8123	4.0	18.0	2.8	4.0	1000
8124	6.0	10.0	3.5	4.7	500
8125	6.0	12.0	3.5	4.7	500
8126	6.0	15.0	3.5	4.7	500







Made of copper (nickel plated)
according to
DIN 46228 standard

CODE	CABLE CROSS SECTION (mm²)	L	C	W	PCS/ BOX
8127	6.0	18.0	3.5	4.7	500
8128	10.0	12.0	4.5	5.8	200
8129	10.0	15.0	4.5	5.8	200
8130	10.0	18.0	4.5	5.8	200
8131	16.0	12.0	5.8	7.5	100
8132	16.0	15.0	5.8	7.5	100
8133	16.0	18.0	5.8	7.5	100
8134	25.0	15.0	7.3	9.5	100
8135	25.0	16.0	7.3	9.5	100
8136	25.0	18.0	7.3	9.5	100
8137	25.0	22.0	7.3	9.5	100
8138	35.0	16.0	8.3	11.0	75
8139	35.0	18.0	8.3	11.0	75
8140	35.0	20.0	8.3	11.0	75
8141	35.0	25.0	8.3	11.0	75
8142	50.0	18.0	10.3	13.0	25
8143	50.0	20.0	10.3	13.0	25
8144	50.0	25.0	10.3	13.0	25
8146	70.0	25.0	13.5	15.3	10
8148	95.0	25.0	14.7	16.6	10
8151	120.0	32.0	16.7	18.0	10
8153	150.0	32.0	19.5	21.5	10

TRANSPARENT TUBES FOR CABLE MARKING

Material : PVC
Colour : Transparent
Operating temperature range : -40...80 °C



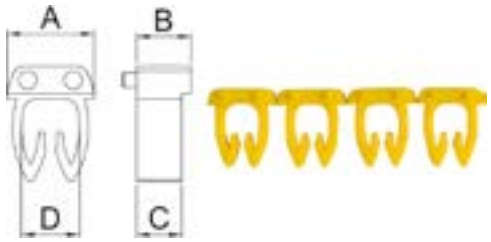


SERIES	Product Code	Section(mm2)	Lenght (L)
200	KR200/10	0,5-1,50mm²	10mm
	KR200/12		12mm
	KR200/15		15mm
	KR200/18		18mm
	KR200/20		20mm
	KR200/23		23mm
	KR200/30		30mm
201	KR201/10	1,5-2,50mm²	10mm
	KR201/12		12mm
	KR201/15		15mm
	KR201/18		18mm
	KR201/20		20mm
	KR201/23		23mm
	KR201/30		30mm
202	KR202/10	2,5-4,0mm²	10mm
	KR202/12		12mm
	KR202/15		15mm
	KR202/18		18mm
	KR202/20		20mm
	KR202/23		23mm
	KR202/30		30mm
203	KR203/10	6,0-10mm²	10mm
	KR203/12		12mm
	KR203/15		15mm
	KR203/18		18mm
	KR203/20		20mm
	KR203/23		23mm
	KR203/30		30mm
204	KR204/10	16-35mm²	10mm
	KR204/12		12mm
	KR204/15		15mm
	KR204/18		18mm
	KR204/20		20mm
	KR204/23		23mm
	KR204/30		30mm

KCG TYPE CABLE MARKER







Suitable with other brands.

DIMENSIONS (mm)	NO	A	B	C	D
	1	4,4	3	2,5	2,7
	2	5	3	2,5	3,2
	3	7,4	3	2,5	4,9

TECHNICAL DATA	
MATERIAL	PA6.6
TEMPERATURE	-40 C, +140 C
PRESS COLOR	Black & White
CABLE SECTION	No1 : 0,75 - 1,5 mm² No2 : 1,50 - 2,50 mm² No3 : 4,00 - 6,00 mm²

NO:1		0,75 - 1,50 mm²
CODE	DESCIRIPTIONS	BOX
1150006	0 PRINTED	400/20.000
1150007	1 PRINTED	400/20.000
1150013	2 PRINTED	400/20.000
1150014	3 PRINTED	400/20.000
1150015	4 PRINTED	400/20.000
1150016	5 PRINTED	400/20.000
1150017	6 PRINTED	400/20.000
1150018	7 PRINTED	400/20.000
1150019	8 PRINTED	400/20.000
1150020	9 PRINTED	400/20.000
1150027	A PRINTED	400/20.000
1150028	B PRINTED	400/20.000
1150029	C PRINTED	400/20.000
1150041	N PRINTED	400/20.000
1150038	L PRINTED	400/20.000
1150047	⏚ PRINTED	400/20.000

NO:2		1,50 - 2,50 mm²
CODE	DESCIRIPTIONS	BOX
1150004	0 PRINTED	400/20.000
1150005	1 PRINTED	400/20.000
1150057	2 PRINTED	400/20.000
1150058	3 PRINTED	400/20.000
1150059	4 PRINTED	400/20.000
1150060	5 PRINTED	400/20.000
1150061	6 PRINTED	400/20.000
1150062	7 PRINTED	400/20.000
1150063	8 PRINTED	400/20.000
1150064	9 PRINTED	400/20.000
1150072	A PRINTED	400/20.000
1150073	B PRINTED	400/20.000
1150074	C PRINTED	400/20.000
1150089	N PRINTED	400/20.000
1150086	L PRINTED	400/20.000
1150095	⏚ PRINTED	400/20.000

NO:3		4,00 - 6,00 mm²
CODE	DESCIRIPTIONS	BOX
1150002	0 PRINTED	400/20.000
1150003	1 PRINTED	400/20.000
1150105	2 PRINTED	400/20.000
1150106	3 PRINTED	400/20.000
1150107	4 PRINTED	400/20.000
1150108	5 PRINTED	400/20.000
1150109	6 PRINTED	400/20.000
1150110	7 PRINTED	400/20.000
1150111	8 PRINTED	400/20.000
1150112	9 PRINTED	400/20.000
1150119	A PRINTED	400/20.000
1150120	B PRINTED	400/20.000
1150121	C PRINTED	400/20.000
1150133	N PRINTED	400/20.000
1150130	L PRINTED	400/20.000
1150139	⏚ PRINTED	400/20.000



KORAL

True Connection

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