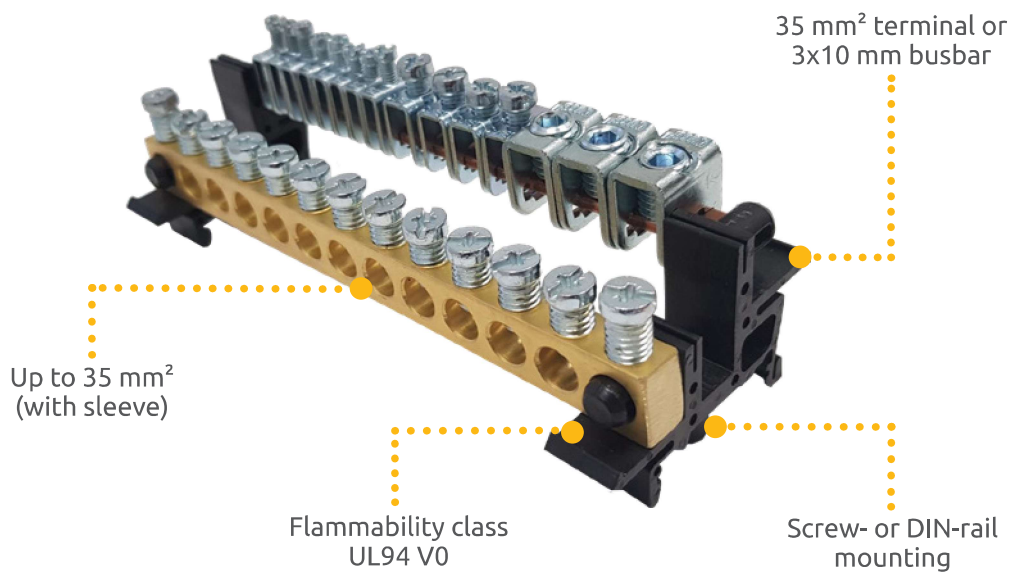


Terminals BB

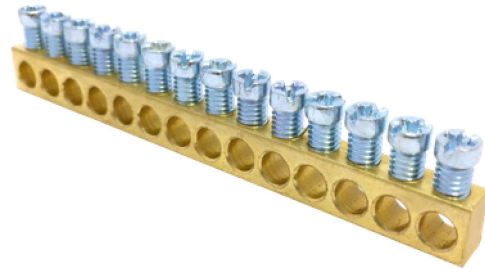
Customized terminal solutions

Up to **35 mm²**

Mounting on DIN rail



The BB-series of terminals are made for customers who prefer flexibility of connections within their projects. The terminal bars can be cut to size and mounted using the special terminal holders. The conductive part of the terminals is made of brass, the connecting parts are made of Zn galvanized steel. The terminal bars are available in different sizes, for cross-sections of up to 35 mm², covering even the more demanding projects.



Order code	Type	Number of connections	Conductor cross section Cu (mm ²)	Nominal current (A)	Dimensions (mm) W / H / L	Weight (g)	Compatible with	Package (pcs)
MAD0007E21	BB7	7	1,5 - 16	63	6,5 / 9 / 47	22	BB3	100
MAD0009E21	BB9	9	1,5 - 16	63	6,5 / 9 / 61	28	BB3	70
MAD0014E21	BB14	14	1,5 - 16	63	6,5 / 9 / 94	42	BB3	50
MAD0024E21	BB24	24	1,5 - 16	63	6,5 / 9 / 160	72	BB3	30
MAD0032E21	BB32	32	1,5 - 16	63	6,5 / 9 / 213	96	BB3	20
MAD0042E21	BB42	42	1,5 - 16	63	6,5 / 9 / 279	123	BB3	20
MAD0052E21	BB52	52	1,5 - 16	63	6,5 / 9 / 345	152	BB3	20
MAD0147E21	BB147	147	1,5 - 16	63	6,5 / 9 / 972	436	BB3	30
MAD0142E21	BB142-10	142	1,5 - 16	63	8 / 10 / 1000	553	BB3	25
MAD0111E21	BB111	111	1,5 - 25	100	10 / 10 / 998	625	BB3	25
MAD0083E21	BB83	83	1,5 - 35	160	10 / 15 / 995	1088	BB4	15

Terminal BB holders

Plastic holders BB3 and BB4 are designed for mounting two electrical parts (BB terminals or 3x10 mm busbars) on a DIN rail and offers flexibility in creating a wide range of dimensions. The holders are made of black polyamide.



BB3



BB4

Order code	Type	Color	Dimensions W/H/L (mm)	Weight (g)	Compatible with terminal	Package (pcs)
MAD2003A21	BB3	Black ●	12 / 41,5 / 56	8	BB147, BB142-10 a BB111	50
MAD2004B21	BB4	Black ●	15 / 41,5 / 60	10	BB83	50

MPIN terminals for residual current devices are a simple way to add additional connection points to RCD's neutral output without needing a separate neutral bar in the switchboard, saving the much-needed space in the enclosure. The MPIN terminals come in 2 models, allowing the connection of 3x16 mm² or 6x16 mm²

conductors to a single terminal. Connection adapters allow the connection of wires larger cross-section into terminal blocks BB 111, BB147 (MAD1235E21) and terminal block BB142-10 (MAD2235E21).



MPIN 3



MPIN 6



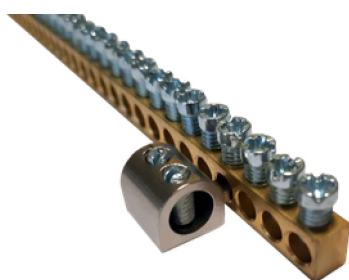
35 mm²



35 mm² HEX

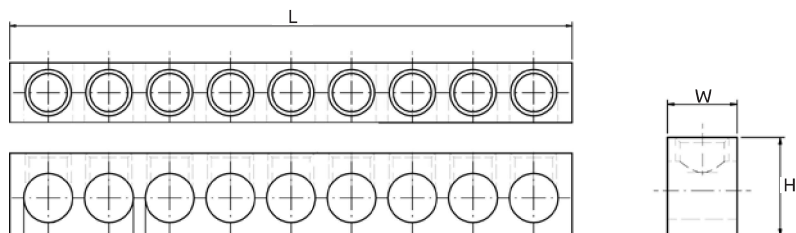
	MAD3016E21	MAD6016E21	MAD1235E21	MAD2235E21
--	------------	------------	------------	------------

Technical data				
Conductor cross section Cu (mm ²)	1,5 – 16	1,5 – 16	1,5 - 35	1,5 - 35
Nominal voltage (V)	690	690	690	690
Nominal current (A)	63	63	63	63
The number of connection points	3x16 mm ²	6x16 mm ²	1x 1,5 - 35	2x 1,5 - 35
Width / Height / Length (mm)	8 / 16 / 35	16 / 16 / 33	13 / 12 / 27	14 / 21 / 26
Tightening torque (Nm)	2,5	2,5	2,5	4
Weight (g)	10	18	11	23
Package (pcs)	200	100	100	100

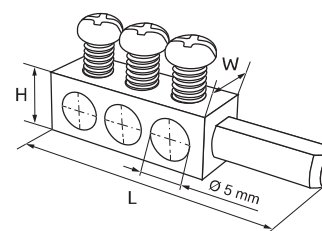


Dimensions

Terminals BB



Terminals MPIN

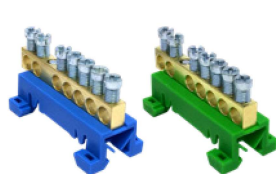


Terminals NPE (IP00)

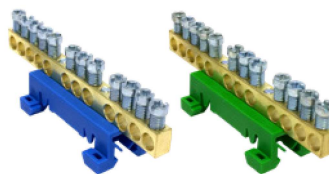
MOREK

Terminals NPE (bridges) can be mounted on DIN rail crosswise. The bridges of the holders are made of highly thermally and mechanically resistant fire-retardant material. These bridges have

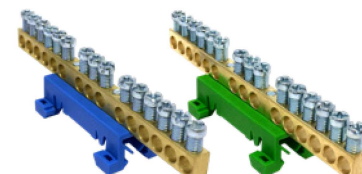
IP00 and are intended for location under cover. They are offered in two color variations.



N7, PE7



N12, PE12



N15, PE15

Blue		MAD0007N15	MAD0012N15	MAD0015N15
Green		MAD0007G15	MAD0012G15	MAD0015G15

Technical data

	N7, PE7	N12, PE12	N15, PE15
Conductor cross section Cu (mm ²)	1,5 - 16	1,5 - 16	1,5 - 16
Nominal voltage (V)	690	690	690
Nominal current (A)	63	63	63
The number of connection points	7	12	15
Tightening torque (Nm)	2,5	2,5	2,5
Width / Height / Length (mm)	23 / 30 / 54	23 / 30 / 90	23 / 30 / 110
Mounting	DIN rail	DIN rail	DIN rail
Weight (g)	26	41	50
Package (pcs)	10	10	10

Terminals MSET

Terminals MSET are ready-to-use solutions for the customers who would like to save their own production time. The conductive part is made of brass, the connecting parts are made of steel, Zn galvanized.

Order code	Type	Number of connections	Dimensions (mm) W / H / L	Weight (g)	Package (pcs)
MAD2007B21	MSET 7	7x2	40 / 40 / 50	54	10
MAD2009B21	MSET 9	9x2	40 / 40 / 64	68	10
MAD2014B21	MSET 14	14x2	40 / 40 / 97	96	10
MAD2024B21	MSET 24	24x2	40 / 40 / 163	156	10
MAD2032B21	MSET 32	32x2	40 / 40 / 216	202	10
MAD2042B21	MSET 42	42x2	40 / 40 / 282	258	10
MAD2052B21	MSET 52	52x2	40 / 40 / 348	316	10

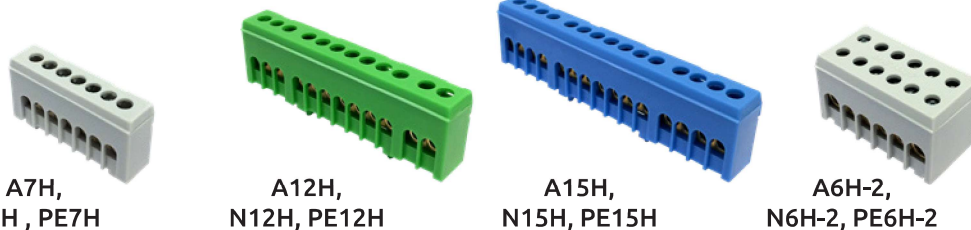


Technical data

Conductor cross section Cu (mm ²)	1,5 - 16
Nominal voltage (V)	690
Nominal current (A)	63
Tightening torque (Nm)	2,5
Mounting	DIN rail

Terminals NPE (bridges) can be mounted on DIN rail crosswise. The bridges of the holders are made of highly thermally and mechanically resistant fire-retardant material.

These bridges have IP20 protection class. They are offered in three color variations.



		A7H, N7H , PE7H	A12H, N12H, PE12H	A15H, N15H, PE15H	A6H-2, N6H-2, PE6H-2
Grey	●	MAD1007A15	MAD1012A15	MAD1015A15	MAD2006A15
Blue	●	MAD1007N15	MAD1012N15	MAD1015N15	MAD2006N15
Green	●	MAD1007G15	MAD1012G15	MAD1015G15	MAD2006G15

Technical data

Conductor cross section Cu (mm ²)	1,5 - 16	1,5 - 16	1,5 - 16	8 x 2,5 - 16 4 x 4 - 25
Nominal voltage (V)	690	690	690	500
Nominal current (A)	63	63	63	63
The number of connection points	7	12	15	2 x 6
Tightening torque (Nm)	2	2	2	2
Width / Height / Length (mm)	13 / 27 / 53	13 / 27 / 87	13 / 27 / 106	30 / 27 / 53
Mounting	DIN rail	DIN rail	DIN rail	DIN rail
Weight (g)	28	45	57	88
Package (pcs)	10	10	10	10

Distribution terminals MAG

Distribution terminals MAG 25 is designed to connect copper cables in the range of 2,5 to 25 mm². Universal quick-mounting unit for horizontal and vertical mounting for 35 mm mounting

rails. Contacts are made of MS 58, contact screws are made of zinc-plated steel. IP protection class for MAG 25 terminals is IP20.



MAG 25-2 grey

MAG 25-2 blue

MAG 25-2 green

Grey	●	MAG1250A32	-	-
Blue	●	-	MAG1250B32	-
Green	●	-	-	MAG1250G32

Technical data

Conductor cross-section Cu (mm ²)	4 x 2,5 - 25	4 x 2,5 - 25	4 x 2,5 - 25
Nominal voltage (V)	400	400	400
Nominal current (A)	80	80	80
Width / Length / Height (mm)	26 / 50,5 / 31,5	26 / 50,5 / 31,5	26 / 50,5 / 31,5
Screw	Pozidriv	Pozidriv	Pozidriv
Tightening torque (Nm)	2,5	2,5	2,5
Mounting	DIN rail	DIN rail	DIN rail
Weight (g)	60	60	60

Modular N/PE-busbars are used in switchgears and other systems to ensure safe and reliable connection for neutral and safety grounding. Construction of busbar system is modular and allows a possibility to order special configurations according to clients needs.

Advantages

- Needed configuration is easily assembled with high quality components
- Suitable for variety of conductors from 0,75 mm² to 35 mm²
- Suitable for variety of copper busbars 5x5 mm; 6x6 mm; 3x10 mm
- Easy accessible for marking

Technical specifications

- Busbar Din-rail adapters are applicable with busbar sizes 5x5 mm; 6x6 mm; 3x10 mm and made of grey nylon
- Copper busbars come in different lengths and have serrations to ensure best connection
- Modular connectors of nominal voltage of 600V for the conductor cross-sections from 0,75 to 35 mm²

NEW



Modular connectors



MAM 6



MAM 16



MAM 35

	MAM5506E10	MAM6606E10	MAM5516E10	MAM6616E10	MAM5535E10	MAM6635E10
Technical data						
Cross-section Cu (mm ²)	0,75 - 6	0,75 - 6	0,75 - 16	0,75 - 16	2,5 - 35	2,5 - 35
Busbar (mm)	5 x 5, 3 x 10	6 x 6, 3 x 10	5 x 5, 3 x 10	6 x 6, 3 x 10	5 x 5, 3 x 10	6 x 6, 3 x 10
Nominal voltage AC/DC (V)	600	600	600	600	600	600
Nominal current (A)	33	33	82	82	135	135
Screw	Pozidriv	Pozidriv	Pozidriv	Pozidriv	Hex	Hex
Tightening torque (Nm)	1.2	1.2	2.5	2.5	4	4
Dimensions W / H / L (mm)	5,9 / 17 / 14,8	5,9 / 17 / 14,8	8,5 / 18 / 14,8	8,5 / 18 / 14,8	12,6 / 20,6 / 17,8	12,6 / 20,6 / 17,8
Dimensions W1 / H1 / T (mm)	3,4 / 20,2 - 26,7 / 1,25	3,4 / 20,2 - 26,7 / 1,25	5,5 / 22 - 29,1 / 1,5	5,5 / 22 - 29,1 / 1,5	9 / 20,6 - 26,4 / 1,8	9 / 20,6 - 26,4 / 1,8
Dimensions B1 / B2 / B3 / B4 (mm)	5,2 / 3,2 / 10,2 / 5,2	6,2 / 3,2 / 10,2 / 6,2	5,2 / 3,2 / 10,2 / 5,2	6,2 / 3,2 / 10,2 / 6,2	5,2 / 3,2 / 10,2 / 5,2	6,2 / 3,2 / 10,2 / 6,2
Weight (g)	5	5	6.5	8	14	14
Package (pcs)	500	500	500	500	500	500

Dimensions

