

# Terminals BB

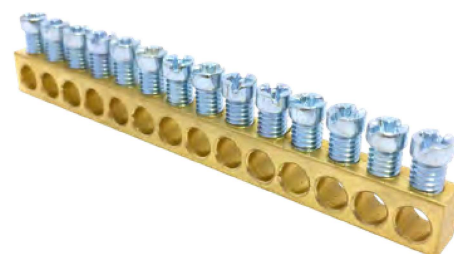
Customized  
terminal  
solutions

Up to  
**35 mm<sup>2</sup>**

Mounting on  
DIN rail



The BB-series terminals offer flexible connections in projects, with adjustable terminal bars that can be cut to size and mounted using special holders. Made with brass conductive parts and Zn galvanized steel connectors, these terminals are available in various sizes, accommodating cross-sections of up to 35 mm<sup>2</sup> for versatile applications.



Order code	Type	Number of connections / Screw	Conductor cross section Cu (mm <sup>2</sup> )	Hole diameter (mm)	Nominal current (A)	Dimensions (mm) W / H / L	Weight (g)	Compatible with	Package (pcs)
MAD0007E21	BB7	7 / M5	1,5 - 16	5,3	63	6,5 / 9 / 47	22	BB3	100
MAD0009E21	BB9	9 / M5	1,5 - 16	5,3	63	6,5 / 9 / 61	28	BB3	70
MAD0014E21	BB14	14 / M5	1,5 - 16	5,3	63	6,5 / 9 / 94	42	BB3	50
MAD0024E21	BB24	24 / M5	1,5 - 16	5,3	63	6,5 / 9 / 160	72	BB3	30
MAD0032E21	BB32	32 / M5	1,5 - 16	5,3	63	6,5 / 9 / 213	96	BB3	20
MAD0042E21	BB42	42 / M5	1,5 - 16	5,3	63	6,5 / 9 / 279	123	BB3	20
MAD0052E21	BB52	52 / M5	1,5 - 16	5,3	63	6,5 / 9 / 345	152	BB3	20
MAD0147E21	BB147	147 / M5	1,5 - 16	5,3	63	6,5 / 9 / 972	436	BB3	30
MAD0142E21	BB142-10	142 / M5	1,5 - 16	5,5	63	8 / 10 / 1000	553	BB3	25
MAD0111E21	BB111	111 / M5	1,5 - 25	6,5	100	10 / 10 / 998	625	BB3	25
MAD0083E21	BB83	83 / M8	1,5 - 35	9	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: space-saving solution for adding connection points to RCD's neutral output without a separate neutral bar. Models for 3x16 mm<sup>2</sup> or 6x16 mm<sup>2</sup> conductors. Adapters for larger wires with compatible terminal blocks BB111, BB147 (MAD1235E21), and BB142-10 (MAD2235E21).**



MPIN 3



MPIN 6

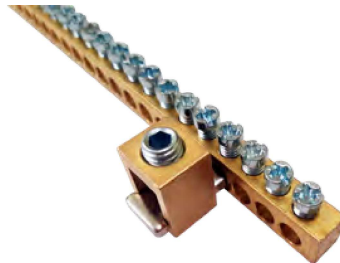
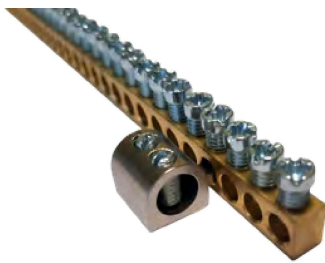


35 mm<sup>2</sup>



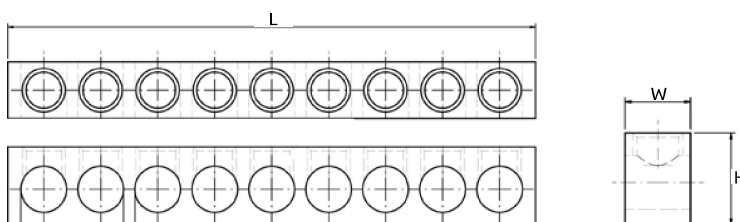
35 mm<sup>2</sup> HEX

	MAD3016E21	MAD6016E21	MAD1235E21	MAD2235E21
<b>Technical data</b>				
Conductor cross section Cu (mm <sup>2</sup> )	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 <sup>2</sup>	6x16 mm <sup>2</sup>	2x 1,5 - 35	1x 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)	50	50	100	100

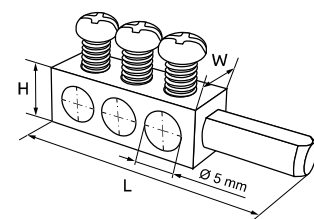


## Dimensions

Terminals BB



Terminals MPIN



**DIN rail mountable bridges made of fire-retardant material. IP00 rated for installation under cover. Available in two color variations.**



		N7, PE7	N12, PE12	N15, PE15
Blue	●	MAD0007N33	MAD0012N33	MAD0015N33
Green	●	MAD0007G33	MAD0012G33	MAD0015G33

**Technical data**

	N7, PE7	N12, PE12	N15, PE15
Conductor cross section Cu (mm <sup>2</sup> )	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 / 52	23 / 30 / 85,5	23 / 30 / 104,5
Mounting	DIN rail	DIN rail	DIN rail
Weight (g)	26	41	50
Package (pcs)	10	10	10

*Terminals MSET*

**Ready-to-use solution for time-saving. Brass conductive part, steel connecting parts with Zn galvanization.**

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 <sup>2</sup> )	1,5 - 16
Nominal voltage (V)	690
Nominal current (A)	63
Tightening torque (Nm)	2,5
Mounting	DIN rail