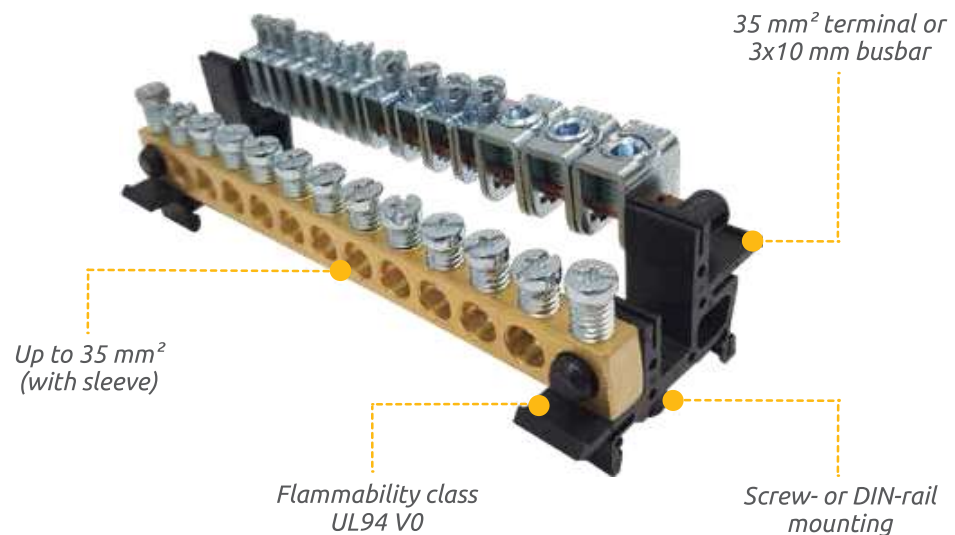


# Terminals BB

## 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 | Conductor cross section Cu (mm <sup>2</sup> ) | 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: 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>



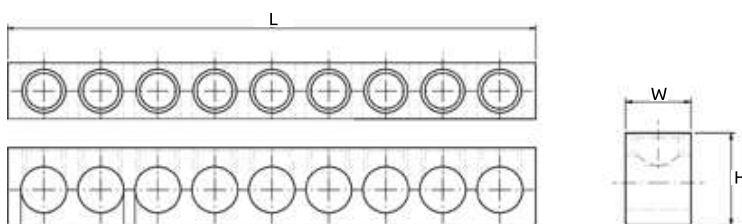
35 mm<sup>2</sup> HEX

|   | 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> | 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

