

**B10 male 10-pole, screw t., 500 V, 16 A**

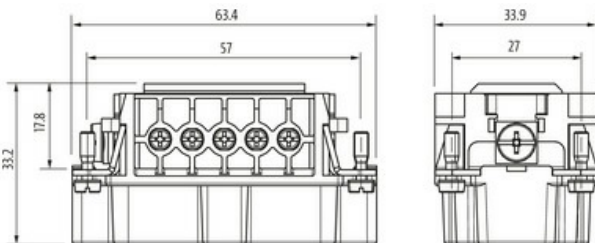
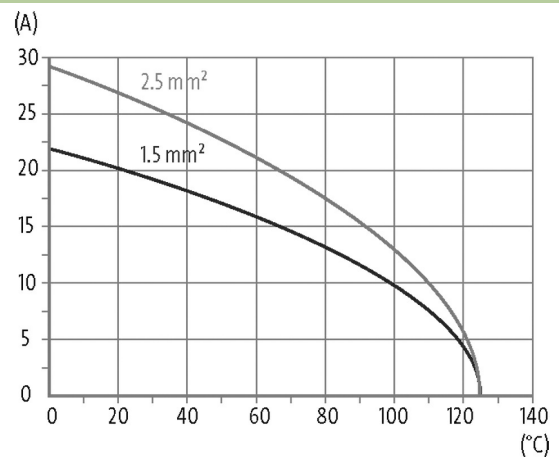
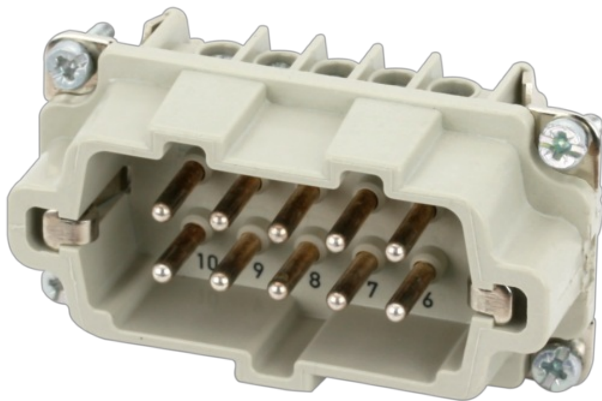
B10

Male

10-pole

Screw terminal

Technical data will be only guaranteed with Murrelektronik components.

[Link to Product](#)**Illustration**

Product may differ from Image

**Technical Data**

|                                 |   |
|---------------------------------|---|
| Operating voltage               | 500 V AC/DC                             |
| Rated surge voltage             | 6.0 kV                                  |
| Operating current               | 16 A                                    |
| No. of poles                    | 10 + PE                                 |
| Material group                  | IIIb                                    |
| Mating cycles                   | min. 500                                |
| Connection                      | Screw terminal                          |
| Connection cross section        | 0.5...2.5 mm <sup>2</sup> (AWG 20...14) |
| Holding force                   | > 150 N                                 |
| Tightening torque (clamp screw) | min. 0.5 Nm                             |
| Insertion and withdrawal force  | < 85 N                                  |
| Stripping length                | 7.5 mm                                  |
| Isolation resistance            | ≥ 10 <sup>8</sup> Ω                     |

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|                        |             |
|------------------------|-------------|
| Contact resistance     | ≤ 5 mΩ      |
| Over voltage category  | III         |
| Wire-Ø incl. isolation | max. 3.6 mm |

**General data**

|                            |                     |
|----------------------------|---------------------|
| Material (contact)         | Brass               |
| Material (contact surface) | Ag                  |
| Pollution Degree           | 3                   |
| Temperature range          | -40...+125 °C       |
| Material (contact carrier) | PA GF               |
| Flammability class         | V-0 (acc. to UL 94) |
| Size                       | B10                 |
| Type                       | Male                |
| Climatic category          | 40/125/10           |
| Dimensions H×W×D           | 33.2×33.9×63.4 mm   |

**Cables**

|                       |                    |
|-----------------------|--------------------|
| Current load capacity | see derating curve |
|-----------------------|--------------------|

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | CZ            |
| customs tariff number | 85389099      |
| EAN                   | 4048879638937 |
| eClass                | 27143424      |
| Packaging unit        | 1.000         |