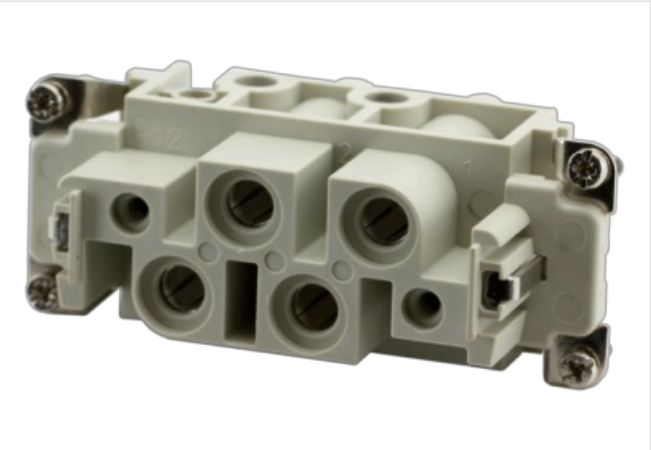


B16 female 4+2-pole, screw t., 830/400 V, 80/16 A

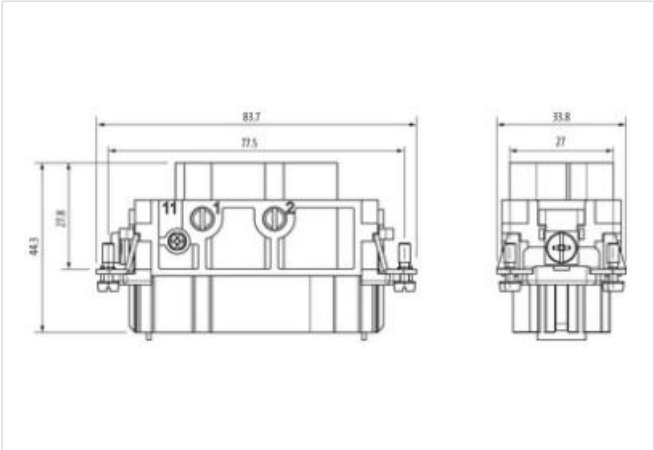
B16  
Female  
4+2-pole  
Screw terminal  
Technical data will be only guaranteed with Murrelektronik components.

Link to Product

Illustration



Product may differ from Image



Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27143424      |
| ECLASS-6.1            | 27261204      |
| ECLASS-7.0            | 27440205      |
| ECLASS-8.0            | 27440205      |
| ECLASS-9.0            | 27440205      |
| ECLASS-10.1           | 27440205      |
| ECLASS-11.1           | 27440205      |
| ECLASS-12.0           | 27440205      |
| ETIM-5.0              | EC000438      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879637404 |
| Packaging unit        | 1             |

Electrical data | Supply

|                                              |       |
|----------------------------------------------|-------|
| Operating voltage AC per power contact max.  | 830 V |
| Operating voltage AC per signal contact max. | 400 V |
| Operating voltage DC per power contact max.  | 830 V |
| Operating voltage DC per signal contact max. | 400 V |
| Operating current per power contact max.     | 80 A  |
| Operating current per signal contact max.    | 16 A  |

Installation

|                               |         |
|-------------------------------|---------|
| Connection cross section min. | 1,5 mm² |
|-------------------------------|---------|

|                               |                    |
|-------------------------------|--------------------|
| Connection cross section max. | 16 mm <sup>2</sup> |
| AWG number min.               | 16                 |
| AWG number max.               | 5                  |

**Installation | Connection**

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Stripping length min.                  | 6 mm                                      |
| Stripping length max.                  | 14 mm                                     |
| Wire insulation diameter variable max. | max. 11 mm (Power); max. 4.8 mm (Signal)  |
| Connection                             | Screw terminals SK                        |
| Tightening torque                      | min. 2.5 Nm (Power); min. 0.5 Nm (Signal) |
| Gender                                 | female                                    |
| Mating cycles min.                     | 500                                       |

**Installation | Pin assignment**

|              |            |
|--------------|------------|
| No. of poles | 4 + 2 + PE |
|--------------|------------|

**Device protection | Electrical**

|                                   |        |
|-----------------------------------|--------|
| Pollution Degree                  | 3      |
| Rated surge voltage               | 8 kV   |
| Insulation resistance min.        | 100 MΩ |
| Material group (IEC 60664-1)      | IIIa   |
| Overvoltage category (EN 60664-1) | III    |
| Overvoltage category (EN 60950-1) | III    |

**Mechanical data**

|                           |       |
|---------------------------|-------|
| Holding force power min.  | 500 N |
| Holding force signal min. | 400 N |
| Pulling force max.        | 100 N |

**Mechanical data | Material data**

|                             |               |
|-----------------------------|---------------|
| Coating contact             | silver-plated |
| Combustibility class (UL94) | V-0           |
| Material contact            | Brass         |
| Material contact carrier    | PC GF         |

**Mechanical data | Mounting data**

|        |         |
|--------|---------|
| Size   | B16     |
| Height | 42 mm   |
| Width  | 33,8 mm |
| Depth  | 83,7 mm |

**Environmental characteristics | Climatic**

|                                    |           |
|------------------------------------|-----------|
| Operating temperature min.         | -40 °C    |
| Operating temperature max.         | 125 °C    |
| Climatic category (EN IEC 60068-1) | 40/125/21 |