

**B16 male 40-pole, crimp t., 250 V, 10 A**

Art.No.: 70MH-ES040-FC01010  
Weight: 0.056  
Country of origin: CZ  
Model designation: MSMH-EST-B16-C-40pol. 250 V 10 A

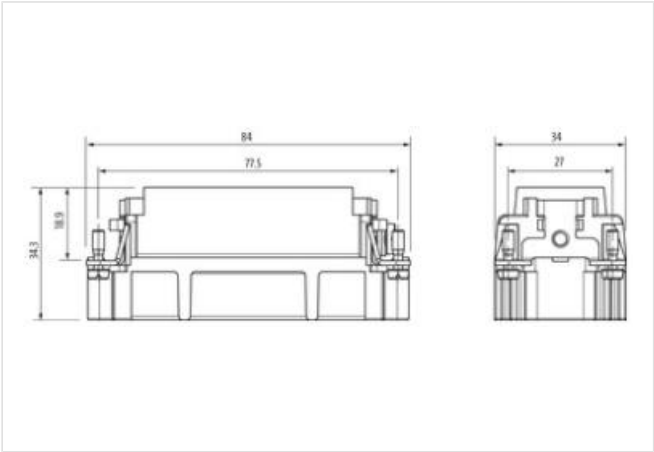
B16  
Male  
40-pole  
Crimp  
Technical data will be only guaranteed with Murrelektronik components.

[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      |
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| GTIN                     | 4048879639576 |
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| Packaging unit           | 1             |
| Packaging unit           | 1             |
| Electrical data   Supply |               |
| Operating voltage AC     | 250 V         |
| Operating voltage DC     | 250 V         |

Operating current 10 A

#### Installation

|                               |                      |
|-------------------------------|----------------------|
| Connection cross section min. | 0,14 mm <sup>2</sup> |
| Connection cross section max. | 2,5 mm <sup>2</sup>  |
| AWG number min.               | 26                   |
| AWG number max.               | 13                   |

#### Installation | Connection

|                               |        |
|-------------------------------|--------|
| Wire insulation diameter min. | 4,3 mm |
| Connection                    | Crimp  |
| Gender                        | male   |
| Mating cycles min.            | 500    |

#### Installation | Pin assignment

|              |         |
|--------------|---------|
| No. of poles | 40 + PE |
|--------------|---------|

#### Device protection | Electrical

|                                   |        |
|-----------------------------------|--------|
| Pollution Degree                  | 3      |
| Rated surge voltage               | 4 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 min. | 70 N  |
| Pulling force max. | 150 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 | 34,3 mm |
| Width  | 34 mm   |
| Depth  | 84 mm   |

#### Environmental characteristics | Climatic

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