Data sheet

# MHS 3/09 V T3 B B

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com





## General ordering data

| | |
|---|---|
| Version | PCB plug-in connector, male header, THT/THR solder connection, Pitch in mm (P): 3.50 mm, Number of poles: 9, 180°, Box |
| Order No. | 8000179345 |
| Type | MHS 3/09 V T3 B B |
| GTIN (EAN) | 4099987944328 |
| Qty. | 1 items |
| Product data | IEC: 320 V / 15 A<br>UL: / 10 A |
| Packaging | Box |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 9.2 mm | Depth (inches) | 0.3622 inch |
| Height | 10.1 mm | Height (inches) | 0.3976 inch |
| Height of lowest version | 6.9 mm | Width | 11.61 mm |
| Width (inches) | 0.4571 inch | Net weight | 1.61 g |

### Temperatures

| | |
|---|---|
| Ambient temperature | -50 °C...125 °C |

### Material data

| | | | |
|---|---|---|---|
| Insulating material | PA 9T | Colour | black |
| Colour chart (similar) | RAL 9011 | Insulating material group | I |
| Comparative Tracking Index (CTI) | ≥ 600 | Moisture Level (MSL) | 1 |
| UL 94 flammability rating | V-0 | Contact base material | CuMg |
| Contact material | Cu-alloy | Contact surface | tinned |
| Tinning type | matt | Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C | Operating temperature, min. | -50 °C |
| Operating temperature, max. | 125 °C | | |

### Rated data acc. to IEC

| | | | |
|---|---|---|---|
| tested acc. to standard | IEC 60664-1, IEC 61984 | Rated current at min. number of poles (Tu = 20 °C) | 15 A |
| Rated current, max. number of poles (Tu=20°C) | 12 A | Rated current, min. number of poles (Tu=40°C) | 13 A |
| Rated current at max. number of poles (Tu = 40 °C) | 10 A | Rated voltage for surge voltage class (pollution degree II/2) | 320 V |
| Rated voltage for surge voltage class (pollution degree III/2) | 160 V | Rated voltage for surge voltage class (pollution degree III/3) | 160 V |
| Rated impulse voltage for surge voltage class (pollution degree II/2) | 2.5 kV | Rated impulse voltage for surge voltage class (pollution degree III/2) | 2.5 kV |
| Rated impulse voltage for surge voltage class (contamination degree III/3) | 2.5 kV | | |

### Rated data acc. to UL 1059

| | | | |
|---|---|---|---|
| Rated voltage for surge voltage class (Use group F / UL 1059 / pollution degree III/2) | 160 V | Rated voltage for surge voltage class (Use group F / UL 1059 / pollution degree III/3) | 160 V |
| Rated voltage (Use group C / UL 1059) | 50 V | Rated voltage (Use group D / UL 1059) | 300 V |
| Rated voltage (Use group F / UL 1059) | 320 V | Rated current (Use group B / UL 1059) | 10 A |
| Rated current (Use group D / UL 1059) | 10 A | Rated current (Use group F / UL 1059) | 10 A |

### Important note

| | |
|---|---|
| Notes | • Rated current related to rated cross-section & min. No. of poles.<br>• P on drawing = pitch<br>• Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.<br>• In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load<br>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

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### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002637 | ETIM 9.0 | EC002637 |
| ETIM 10.0 | EC002637 | ECLASS 14.0 | 27-46-02-01 |
| ECLASS 15.0 | 27-46-02-01 | | |

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## Drawings

