

**MHS 7S/01 H M T3 B****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|              |  |
|--------------|--|
| Version      | PCB plug-in connector, male header, THT/THR solder connection, Pitch in mm (P): 7.50 mm, Number of poles: 1, 90° |
| Order No.    | <a href="#">2813270000</a>   |
| Type         | MHS 7S/01 H M T3 B   |
| GTIN (EAN)   | 4064675667421  |
| Qty.         | 400 pc(s).   |
| Product data | IEC: 1000 V / 26.8 A<br>UL: 300 V / 18.5 A   |

Creation date October 11, 2022 8:15:09 PM CEST

**MHS 7S/01 H M T3 B****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 14 mm   | Depth (inches)  | 0.551 inch |
| Height     | 15.1 mm | Height (inches) | 0.594 inch |
| Net weight | 1.945 g |                 |            |

**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                 | CuMg     | 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, min. number of poles (Tu=20°C)                         | 26.8 A  |
| Rated current, max. number of poles (Tu=20°C)                             | 19.7 A                 | Rated current, min. number of poles (Tu=40°C)                         | 23.1 A  |
| Rated current, max. number of poles (Tu=40°C)                             | 16.9 A                 | Rated voltage for surge voltage class / pollution degree II/2         | 1,000 V |
| Rated voltage for surge voltage class / pollution degree III/2            | 500 V                  | Rated voltage for surge voltage class / pollution degree III/3        | 400 V   |
| Rated impulse voltage for surge voltage class/ pollution degree II/2      | 4 kV                   | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV    |
| Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV                   |   |         |

**Rated data acc. to UL 1059**

|                                       |        |                                       |        |
|---------------------------------------|--------|---------------------------------------|--------|
| Rated voltage (Use group B / UL 1059) | 300 V  | Rated voltage (Use group C / UL 1059) | 300 V  |
| Rated voltage (Use group D / UL 1059) | 300 V  | Rated current (Use group B / UL 1059) | 18.5 A |
| Rated current (Use group C / UL 1059) | 18.5 A | Rated current (Use group D / UL 1059) | 10 A   |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002637    | ETIM 7.0    | EC002637    |
| ETIM 8.0    | EC002637    | ECLASS 9.0  | 27-44-04-02 |
| ECLASS 9.1  | 27-44-04-02 | ECLASS 10.0 | 27-44-04-02 |
| ECLASS 11.0 | 27-46-02-01 | ECLASS 12.0 | 27-46-02-01 |

## MHS 7S/01 H M T3 B

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

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Important note

|                |   |
|----------------|---|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.  |
| Notes          | <ul style="list-style-type: none"><li>• Rated current related to rated cross-section &amp; min. No. of poles.</li><li>• P on drawing = pitch</li><li>• 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.</li><li>• Diameter of solder eyelet D = 1.4+0.1mm</li><li>• Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months</li></ul> |

### Downloads

|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|--|

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller:](#)

[2813270000](#)