# ME B-12,5 MSTBO BU - Filler plug

2697741

https://www.phoenixcontact.com/us/products/2697741

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DIN rail housing, Filler plug for unoccupied terminal points (MSTBO), width: 10 mm, height: 19.06 mm, depth: 12.29 mm, color: blue (similar RAL 5015)

## Your advantages

- Easy, tool-free mounting
- Flammability rating V0 in accordance with UL 94

## Commercial data

| | |
|---|---|
| Item number | 2697741 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AC08 |
| Product key | ACHAAZ |
| GTIN | 4017918995935 |
| Weight per piece (including packing) | 0.93 g |
| Weight per piece (excluding packing) | 0.634 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Filler plug |
| Housing type | DIN rail housing |
| Housing series | ME |
| Product family | ME 12,5.. |
| Ventilation openings present | no |

## Dimensions

| | |
|---|---|
| Width | 10 mm |
| Height | 19.06 mm |
| Depth | 12.29 mm |

## Material specifications

| | |
|---|---|
| Color (Filler plug) | blue (RAL 5015) |
| Material Filler plug | PA |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |

## Environmental and real-life conditions

### Vibration test

| | |
|---|---|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 150 - 10 Hz |
| Sweep speed | 1 octave/min |
| Amplitude | 0.15 mm (10 Hz ... 58.1 Hz) |
| Acceleration | 2g (58.1 Hz ... 150 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

### Glow-wire test

| | |
|---|---|
| Specification | IEC 60695-2-11:2014-02 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

### Thermal stability / ball thrust test

| | |
|---|---|
| Specification | IEC 60695-10-2:2014-02 |
| Temperature | 125 °C |
| Test duration | 1 h |
| Force | 20 N |

### Mechanical strength / tumbling barrel

| | |
|---|---|
| Specification | IEC 60998-1:2002-12 |
| Height of fall | 50 cm |

| | |
|---|---|
| Frequency | 10 |

Shocks

| | |
|---|---|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Half-sine |
| Acceleration | 15g |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Degree of protection (IP code)

| | |
|---|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |

Ambient conditions

| | |
|---|---|
| Max. IP code to attain | IP20 |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Relative humidity (storage/transport) | 80 % |

## Mounting

| | |
|---|---|
| Mounting type | Latching |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2697741

**UL Recognized**
Approval ID: E240868

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190605 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002779 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31261500 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

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