

# ME B-22,5 MSTBO RD - Filler plug

2854542

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DIN rail housing, Filler plug for unoccupied terminal points (MSTBO), width: 20 mm, height: 19.05 mm, depth: 12.3 mm, color: red (similar RAL 3001)

## Your advantages

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

## Commercial data

Item number	2854542
Packing unit	200 pc
Minimum order quantity	1 pc
Product key	ACHAAZ
GTIN	4017918477141
Weight per piece (including packing)	1.29 g
Weight per piece (excluding packing)	0.98 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Filler plug
Housing type	DIN rail housing
Housing series	ME
Product family	ME 22,5..
Ventilation openings present	no

### Dimensions

Width	20 mm
Height	19.05 mm
Depth	12.3 mm

### Material specifications

Color (Filler plug)	red (RAL 3001)
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

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Frequency	10
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## 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
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## 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
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2854542>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

ECLASS-13.0	27190605
ECLASS-15.0	27190605

### ETIM

ETIM 10.0	EC002779
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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