

ME B-12,5 MSTBO BU VPE100 - Filler plug



2202171

<https://www.phoenixcontact.com/us/products/2202171>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	2202171
Packing unit	100 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Product key	ACHAAZ
GTIN	4055626006826
Weight per piece (including packing)	0.824 g
Weight per piece (excluding packing)	0.78 g
Country of origin	DE

ME B-12,5 MSTBO BU VPE100 - Filler plug



2202171

<https://www.phoenixcontact.com/us/products/2202171>

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 (Housing)	blue (RAL 5015)
Material Housing	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

ME B-12,5 MSTBO BU VPE100 - Filler plug



2202171

<https://www.phoenixcontact.com/us/products/2202171>

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
---------------	----------

ME B-12,5 MSTBO BU VPE100 - Filler plug



2202171

<https://www.phoenixcontact.com/us/products/2202171>

Classifications

ECLASS

ECLASS-13.0	27190605
ECLASS-15.0	27190605

ETIM

ETIM 9.0	EC002779
----------	----------

UNSPSC

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

ME B-12,5 MSTBO BU VPE100 - Filler plug



2202171

<https://www.phoenixcontact.com/us/products/2202171>

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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	0.012 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com