INDUSTRIAL COMPONENT DATA

# ME 45 OT-1MSTBO BK 2707505 PHOENIX CONTACT Upper part of housing

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ME 45 OT-1MSTBO BK**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ME 45 OT-1MSTBO BK |
| Catalog number | 2707505 |
| Category | Extruded profile modular housing |
| Minimum order | 10 Pcs |
| Document ID | EO-2A5D4F5E56 |
| Generated | 2026-11-18 |

## Product Overview

Upper part of housing
Rail box, Top of the connector housing with base housing, width: 45.2 mm, height: 99 mm, depth: 45.85 mm, color: black (9005)
DIN rail housing, Upper housing part for connectors with header, width: 45.2 mm, height: 99 mm, depth: 45.85 mm, color: black (similar RAL 9005)

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Housing (HS) |

## Additional Product Information

Technical dataNotesAssembly note Refer to the data sheet for the range in the download area.
Product propertiesProduct type Upper housing part
Housing type DIN rail housing
Housing series ME
Product family ME 45..
Number of positions 8
Max. number of positions 10 (pitch: 3.5 mm)
8 (pitch: 5 mm)
6 (pitch: 7.25 mm)
Number of rows 1
Type Upper housing part for connectors with header

Ventilation openings present no
Data management status
Article revision 02
DimensionsDimensional drawing
Width 45.2 mm
Height 99 mm
Depth 45.85 mm
Depth from base support surface 38.5 mm
PCB design
PCB thickness 1.4 mm ... 1.8 mm
Material specificationsColor (Housing) black (RAL 9005)
Flammability rating according to UL 94 V0
CTI according to IEC 60112 600
Housing material Polyamide
Surface characteristics untreated
Environmental and real-life conditionsVibration 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 duratio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ME 45 OT-1MSTBO BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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