

2709299

<https://www.phoenixcontact.com/us/products/2709299>

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DIN rail housing, Upper housing part for connectors with header, width: 45.2 mm, height: 99 mm, depth: 45.85 mm, color: light gray (similar RAL 7035)



Your advantages

- Tool-free mounting
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is possible
- Flammability rating V0 in accordance with UL 94
- Variety of connection technology
- Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

Commercial data

Item number	2709299
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC08
Product key	ACHAAD
Catalog page	Page 671 (C-1-2013)
GTIN	4017918885618
Weight per piece (including packing)	29.4 g
Weight per piece (excluding packing)	22.4 g
Customs tariff number	85389099
Country of origin	DE

ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

<https://www.phoenixcontact.com/us/products/2709299>

Technical data

Notes

Assembly note	Refer to the data sheet for the range in the download area.
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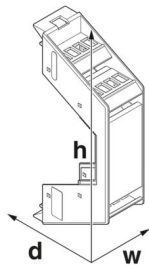
Product properties

Product type	Upper housing part
Housing type	DIN rail housing
Housing series	ME
Product family	ME 45..
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	03
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Dimensions

Dimensional 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
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Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	Polyamide
Surface characteristics	untreated

ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

<https://www.phoenixcontact.com/us/products/2709299>

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
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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 %

PCB data

ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

<https://www.phoenixcontact.com/us/products/2709299>

Number of PCB holders	2
Type of PCB mount	Slot
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Latching with lower housing part
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Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

ME 45 OT-1MSTBO KMGY - Upper housing part

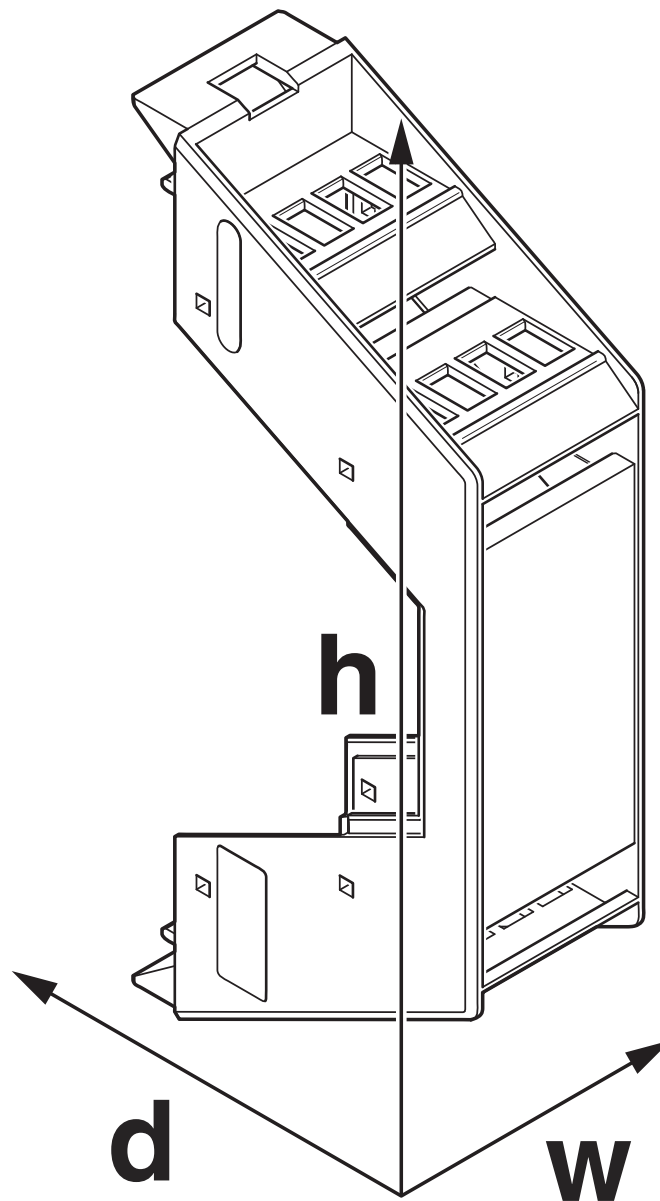
2709299

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Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2709299>



UL Recognized

Approval ID: E240868

ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

<https://www.phoenixcontact.com/us/products/2709299>

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC002779
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UNSPSC

UNSPSC 21.0	31261500
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ME 45 OT-1MSTBO KMGY - Upper housing part



2709299

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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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