ME 35 OT-MSTBO KMGY - Upper housing part

2914864

https://www.phoenixcontact.com/us/products/2914864

PHŒNIX CONTACT

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, Upper housing part for connectors with header, width: 35.2 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	2914864
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC08
Product key	ACHAAD
Catalog page	Page 671 (C-1-2013)
GTIN	4017918964573
Weight per piece (including packing)	23.14 g
Weight per piece (excluding packing)	17.3 g
Customs tariff number	85389099
Country of origin	DE

ME 35 OT-MSTBO KMGY - Upper housing part

2914864

https://www.phoenixcontact.com/us/products/2914864

Technical data

Notes

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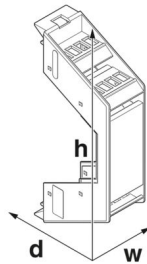
Product properties

Product type	Upper housing part
Housing type	DIN rail housing
Housing series	ME
Product family	ME 35..
Number of positions	24
	36
Max. number of positions	32 (pitch: 3.5 mm)
	24 (pitch: 5 mm)
	16 (pitch: 7.25 mm)
Number of rows	2
Type	Upper housing part for connectors with header
Ventilation openings present	no

Data management status

Article revision	01

Dimensions

Dimensional drawing	
Width	35.2 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 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

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 %

ME 35 OT-MSTBO KMGY - Upper housing part

2914864

https://www.phoenixcontact.com/us/products/2914864

PCB data

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
Thread type	()

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

ME 35 OT-MSTBO KMGY - Upper housing part

2914864

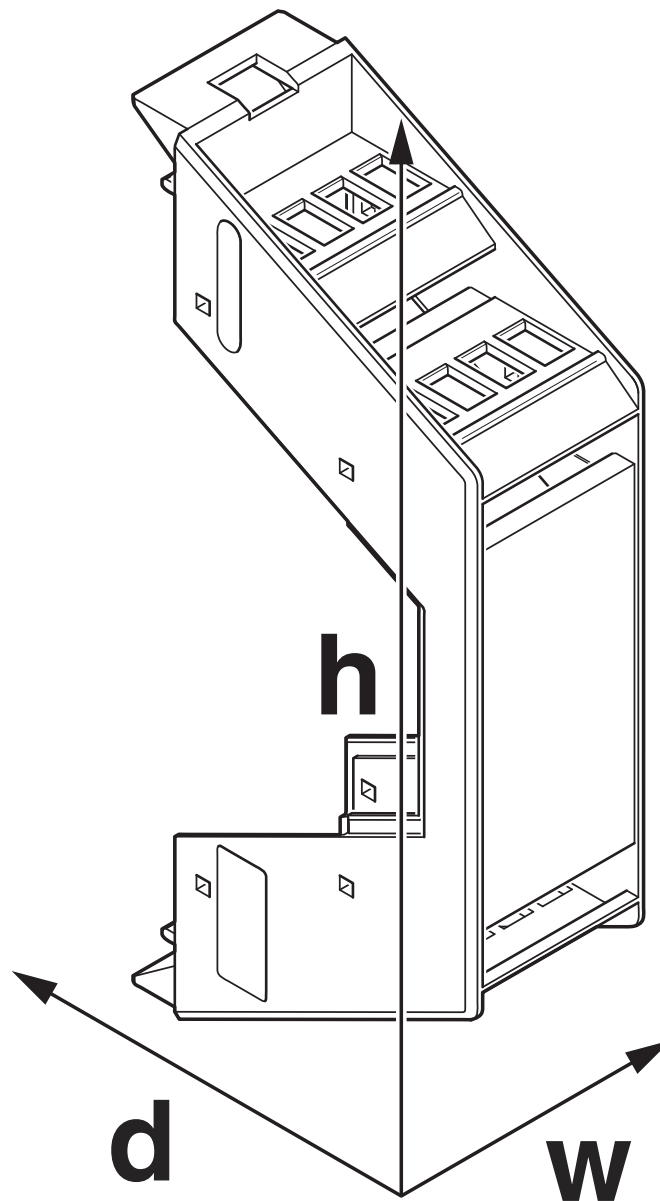https://www.phoenixcontact.com/us/products/2914864

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.

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2914864

	UL Recognized
ᴿᵁ	Approval ID: E240868

ME 35 OT-MSTBO KMGY - Upper housing part

2914864

https://www.phoenixcontact.com/us/products/2914864

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC002779

UNSPSC

UNSPSC 21.0	31261500

ME 35 OT-MSTBO KMGY - Upper housing part

2914864

https://www.phoenixcontact.com/us/products/2914864

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%

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