

Upper part of housing - ME 45 OT-MKDSO SET - 2909345

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



DIN rail housing, Set consisting of upper housing part and connection technology, width: 45.2 mm, color: green (6021)

Figure shows the upper housing part in green

Your advantages

- Item is from the ME product range
- Tool-free mounting
- Available in overall widths from 12.5 mm to 90 mm, modular extension is possible
- Inflammability class V0 according to UL 94
- Variety of connection technologies
- Can be mounted on the DIN rail
- Optional bus connector that is either integrated or mounted on the DIN rail



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918163327

Technical data

Item properties

Brief article description	Upper part of housing
Type	ME 45 OT-MKDSO SET
Order No.	2909345
Housing type	DIN rail housing
Type	Set consisting of upper housing part and connection technology
Max. IP code to attain	IP20
Mounting type	Latching with lower housing part
Connection levels	2 (Both sides)

Upper part of housing - ME 45 OT-MKDSO SET - 2909345

Technical data

Item properties

Max. number of positions	40 (pitch: 3.5 mm)
	32 (pitch: 5 mm)
	24 (pitch: 7.25 mm)

Dimensions

Width [w]	45.2 mm
Height [h]	99 mm
Depth [d]	45.85 mm
Depth from base support surface [d]	38.5 mm

Material data

Color (RAL)	green (6021)
Flammability rating according to UL 94	V0
Housing material	Polyamide

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Relative humidity (storage/transport)	80 %

PCB data

Number of PCB holders	2
Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

Mechanical strength/tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Number of drop cycles	10

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 - 58.1 Hz)
Acceleration	2g (58.1 - 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Shock

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms

Upper part of housing - ME 45 OT-MKDSO SET - 2909345

Technical data

Shock

Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Thermostability (Ball Thrust Test)

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

Test for assessing the risk of fire (glow wire)

Specification	DIN EN 60695-2-11 (VDE 0471-2-11):2014-11
Temperature	850 °C
Time of exposure	30 s

Degrees of protection provided by housings (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

Packaging information

Type of packaging	packed in cardboard
Pieces per package	1
Denomination packing units	Pcs.
Outer packaging type	Carton

Standards and regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

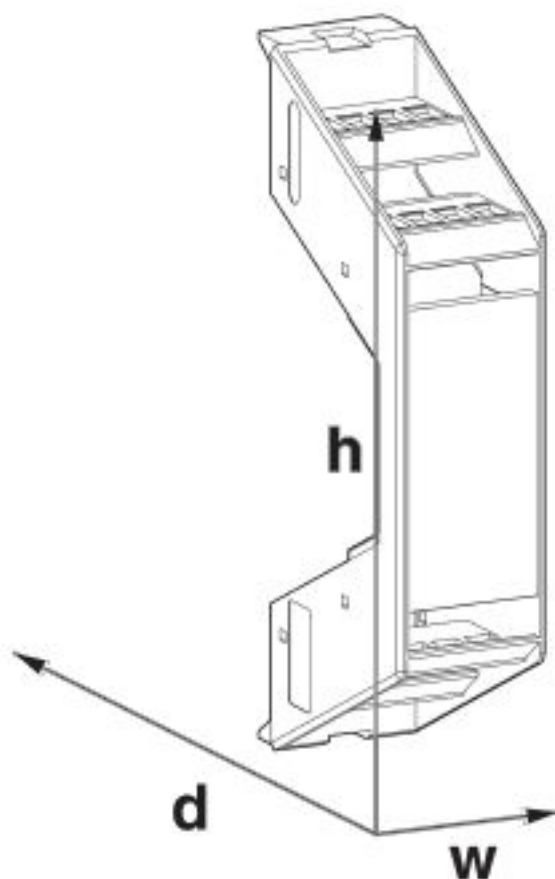
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Upper part of housing - ME 45 OT-MKDSO SET - 2909345

Dimensional drawing



Articles in set

Upper part of housing - ME 45 OT-MKDSO GN - 2909390



DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 45.2 mm, color: green (6021)

Upper part of housing - ME 45 OT-MKDSO SET - 2909345

Articles in set

PCB terminal block - MKDSO 2,5/ 4-L - 1707234



PCB terminal block, nominal current: 24 A, pitch: 5 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. Article with lateral pin exit

PCB terminal block - MKDSO 2,5/ 4-R - 1707247



PCB terminal block, pitch: 5 mm, number of positions: 4, color: green. Article with lateral pin exit

Approvals

Approvals

Approvals

cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	30-12	30-12	

EAC		B.01742
-----	--	---------

cULus Recognized	
------------------	--

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>