

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

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DIN rail housing, Upper housing part for PCB terminal blocks with Push-in spring connection, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: black (9005)



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	10 pc
Minimum order quantity	250 pc
GTIN	
GTIN	4046356689793

Technical data

Item properties

Brief article description	Upper part of housing
Type	ME 22,5 OT-FKDSO BK
Order No.	2200838
Housing type	DIN rail housing
Type	Upper housing part for PCB terminal blocks with Push-in spring connection
Max. IP code to attain	IP20
Mounting type	Latching with lower housing part
Connection levels	2 (Both sides)

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Technical data

Item properties

Max. number of positions	16 (pitch: 5 mm)
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Dimensions

Width [w]	22.6 mm
Height [h]	99 mm
Depth [d]	45.85 mm
Depth from base support surface [d]	38.5 mm

Material data

Housing material	Polyamide
Color (RAL)	black (9005)
Flammability rating according to UL 94	V0

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	1
PCB thickness	1.4 mm ... 1.8 mm
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
Number of shocks per direction	3

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

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Shock

Test directions	X-, Y- and Z-axis (pos. and neg.)
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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

General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.
Type of note	Recommendation
Note	Material of contact pads for bus connector, galvanic gold (hard gold)

Packaging information

Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Carton

Standards and regulations

Flammability rating according to UL 94	V0
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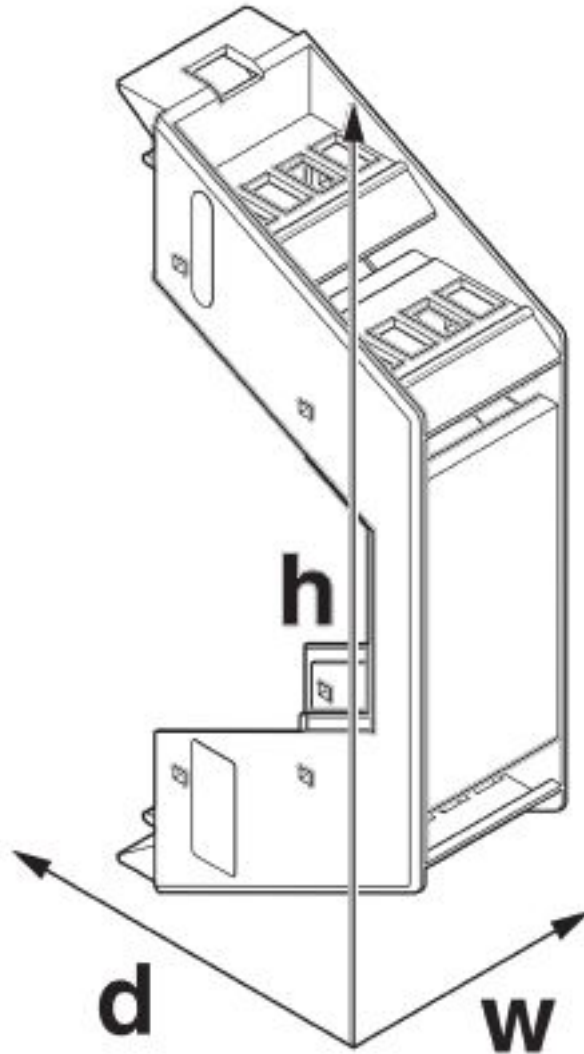
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Classifications

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Accessories

Accessories

Fiber optic

Fiber optic - HS LC-H-D3/ R1XC1 - 2202313



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-5X2/ R1XC1 - 2202314



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Accessories

Fiber optic - HS LC-H-D3/ R2XC1-5,08 - 2202315



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC1-2,54 - 2202316



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC2-2,54 - 2202317



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC5-2,54 - 2202318



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC10-2,54 - 2202319



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Accessories

Fiber optic - HS LC-H-D2/ R4XC2-2,54 - 2202320



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC5-2,54 - 2202321



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC9-2,54 - 2202322



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC10-2,54 - 2202323



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC1-2,54 - 1036658



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Accessories

Fiber optic - HS LC-H-D2C/ R2XC2-2,54 - 1043044



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC5-2,54 - 1071310



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC10-2,54 - 1071314



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC2-2,54 - 1071316



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC5-2,54 - 1071318

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC9-2,54 - 1071321



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Accessories

Fiber optic - HS LC-H-D2C/ R4XC10-2,54 - 1071329



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Necessary add-on products

PCB terminal block - FKDSO 2,5/ 4-L BK - 2200839



PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. Article with lateral pin exit

PCB terminal block - FKDSO 2,5/ 4-R BK - 2200840



PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. Article with lateral pin exit

Mounting base housing - ME 22,5 UT TBUS BK - 2200703



DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 5, color: black (9005)

Mounting base housing - ME 22,5 UT/FE BK - 2853239



DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, cross connection: without bus connector, number of positions cross connector: not relevant, color: black (9005)

Upper part of housing - ME 22,5 OT-FKDSO BK - 2200838

Accessories

Mounting base housing - ME 22,5 UT BK - 2909170



DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, cross connection: without bus connector, number of positions cross connector: not relevant, color: black (9005)

Mounting base housing - ME 22,5 F-UT BK - 2890195



DIN rail housing, Lower housing part with metal foot catch, flat design, with vents, width: 22.6 mm, height: 99 mm, depth: 84.8 mm, cross connection: without bus connector, number of positions cross connector: not relevant, color: black (9005)

Mounting base housing - ME 22,5 UTG/FE BK - 2901068



DIN rail housing, Lower housing part with metal foot catch, tall design, without vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, color: black (9005)

Mounting base housing - ME 22,5 UTG BK - 2908427



DIN rail housing, Lower housing part with metal foot catch, tall design, without vents, width: 22.6 mm, height: 99 mm, depth: 107.3 mm, cross connection: without bus connector, number of positions cross connector: not relevant, color: black (9005)

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