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

2200838

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

Your advantages

- Tool-free mounting
- Item is from the ME product range
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is possible
- Flammability rating V0 in accordance with UL 94

Commercial data

Item number	2200838
Packing unit	10 pc
Minimum order quantity	250 pc
Note	Made to order (non-returnable)
Product key	ACHAAD
GTIN	4046356689793
Weight per piece (including packing)	12.63 g
Weight per piece (excluding packing)	12.37 g
Country of origin	DE

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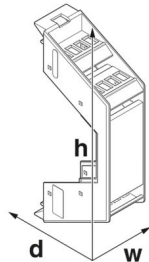## Technical data

Notes

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

Product properties

Product type	Upper housing part
Housing type	DIN rail housing
Housing series	ME
Max. number of positions	16 (pitch: 5 mm)
Type	Upper housing part for PCB terminal blocks with Push-in spring connection
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	22.6 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	black (9005)
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.)

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

Number of PCB holders	1
Type of PCB mount	Insertion (optional latching by PCB stop)
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Latching with lower housing part
Mounting position	Vertical (horizontal DIN rail)

Packaging specifications

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Type of packaging	packed in cardboard
Outer packaging type	Carton

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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.

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Classifications

ECLASS

ECLASS-11.0	27182702

UNSPSC

UNSPSC 21.0	31261501

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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Mandatory accessories

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

2200839

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PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm^2, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: FKDSO 2,5/..-L, pitch: 5 mm, 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, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on left side

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

2200840

https://www.phoenixcontact.com/us/products/2200840

PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm^2, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: FKDSO 2,5/..-R, pitch: 5 mm, 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, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

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ME 22,5 UT TBUS BK - Mounting base housing

2200703

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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, color: black (similar RAL 9005), cross connection: DIN rail connector (optional), number of positions cross connector: 5

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

2853239

https://www.phoenixcontact.com/us/products/2853239

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

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

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ME 22,5 UT BK - Mounting base housing

2909170

https://www.phoenixcontact.com/us/products/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, color: black (similar RAL 9005), cross connection: without bus connector, number of positions cross connector: not relevant

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

2890195

https://www.phoenixcontact.com/us/products/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, color: black (similar RAL 9005), cross connection: without bus connector, number of positions cross connector: not relevant

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

2200838

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

2901068

https://www.phoenixcontact.com/us/products/2901068

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

ME 22,5 UTG BK - Mounting base housing

2908427

https://www.phoenixcontact.com/us/products/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, color: black (similar RAL 9005), cross connection: without bus connector, number of positions cross connector: not relevant

Accessories

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

2200838

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HS LC-H-D3/ R1XC1 - Fiber optic

2202313

https://www.phoenixcontact.com/us/products/2202313

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

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

2202314

https://www.phoenixcontact.com/us/products/2202314

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

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

2200838

https://www.phoenixcontact.com/us/products/2200838

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

2202315

https://www.phoenixcontact.com/us/products/2202315

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

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

2202316

https://www.phoenixcontact.com/us/products/2202316

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2200838

https://www.phoenixcontact.com/us/products/2200838

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

2202317

https://www.phoenixcontact.com/us/products/2202317

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202318

https://www.phoenixcontact.com/us/products/2202318

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2200838

https://www.phoenixcontact.com/us/products/2200838

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

2202319

https://www.phoenixcontact.com/us/products/2202319

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202320

https://www.phoenixcontact.com/us/products/2202320

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2200838

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

2202321

https://www.phoenixcontact.com/us/products/2202321

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202322

https://www.phoenixcontact.com/us/products/2202322

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

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

2202323

https://www.phoenixcontact.com/us/products/2202323

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1036658

https://www.phoenixcontact.com/us/products/1036658

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

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

1043044

https://www.phoenixcontact.com/us/products/1043044

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1071310

https://www.phoenixcontact.com/us/products/1071310

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

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

1071314

https://www.phoenixcontact.com/us/products/1071314

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1071316

https://www.phoenixcontact.com/us/products/1071316

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

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

1071318

https://www.phoenixcontact.com/us/products/1071318

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1071321

https://www.phoenixcontact.com/us/products/1071321

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

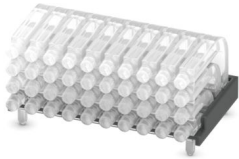# ME 22,5 OT-FKDSO BK - Upper housing part

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

1071329

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Multiple light guides with glare protection, 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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