PHŒNIX CONTACT

Upper part of housing - BC 17,8 OTU MKDSO KMGY - 2279732

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part for PCB terminal blocks with screw connection, width: 17.8 mm, height: 89.7 mm, depth: 53.4 mm, color: light gray (7035)

Your advantages

☑ Item is from the BC product range

☑ Conforms to DIN EN 43880

☑ Tool-free mounting

☑ Available in overall widths from one to nine width units (17.8 mm ... 161.6 mm)

☑ Inflammability class V0 according to UL 94

☑ Variety of connection technologies

☑ Can be mounted on the DIN rail or the wall

☑ Optional with bus connector for DIN rail mounting

RoHS IP20

Key Commercial Data

Packing unit	10 pc
GTIN	4 046356 328982
GTIN	4046356328982

Technical data

Item properties

Brief article description	Upper part of housing
Type	BC 17,8 OTU MKDSO KMGY
Order No.	2279732
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Type	Upper housing part for PCB terminal blocks with screw connection
Max. IP code to attain	IP20
Mounting type	Snap in

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Technical data

Item properties

Connection levels	2 (Both sides)
Ventilation openings present	no
Max. number of positions	16 (pitch: 3.5 mm)
	12 (pitch: 5 mm)

Dimensions

Width [w]	17.8 mm
Height [h]	89.7 mm
Depth [d]	53.4 mm

Material data

Housing material	Polycarbonate
Color (RAL)	light gray (7035)
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)

PCB data

Number of PCB holders	2
PCB thickness	1.5 mm
Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

Packaging information

Pieces per package	10
Denomination packing units	Pcs.

Standards and regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 10.0.1	27182702

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Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 3.0	EC001121
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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

![Phoenix Contact logo]

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Approvals

EAC	EAC	B.01687

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)

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)

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Accessories

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)

Necessary add-on products

PCB terminal block - MKDSO 2,5/ 3-L KMGY - 2854102

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. Article with lateral pin exit

PCB terminal block - MKDSO 2,5/ 3-R KMGY - 2854092

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. Article with lateral pin exit

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Accessories

PCB terminal block - MKDSO 1,5/ 4-L-3,5 KMGY - 2278432

PCB terminal block, pitch: 3.5 mm, number of positions: 4, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3 mm. Article with lateral pin exit

PCB terminal block - MKDSO 1,5/ 4-R-3,5 KMGY - 2278429

PCB terminal block, pitch: 3.5 mm, number of positions: 4, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3 mm. Article with lateral pin exit

Housing cover - BC 17,8 DKL R KMGY - 2896144

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 17.8 mm, height: 45 mm, depth: 8 mm, color: light gray (7035)

Housing cover - BC 17,8 DKL S TRANS - 2896102

DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, Including insertion plate, width: 17.8 mm, height: 45 mm, depth: 8 mm, color: transparent/light gray (7035)

Additional products

Filler plugs - ME B-17,5 MKDSO KMGY - 2854115

DIN rail housing, Filler plug for unoccupied terminal points, color: light gray (7035)

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