PHŒNIX CONTACT

Upper part of housing - BC 161,6 OT 000020 KMGY - 2201450

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part with vents, width: 161.6 mm, Depth: 54.85 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

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	500 pc
GTIN	4 046356 806213
GTIN	4046356806213
Weight per Piece (excluding packing)	40.430 g
Custom tariff number	85472000
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Item properties

Brief article description	Upper part of housing
Type	BC 161,6 OT 000020 KMGY
Order No.	2201450

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Technical data

Item properties

Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Type	Upper housing part with vents
Max. IP code to attain	IP20
Mounting type	Snap in
Connection levels	1 (Both sides)
Ventilation openings present	yes

Dimensions

Width [w]	161.6 mm
Depth [d]	54.85 mm

Material data

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

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)
Relative humidity (storage/transport)	95 %

PCB data

Number of PCB holders	18
PCB thickness	1.8 mm
Mounting position	parallel to the 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

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

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e

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Technical data
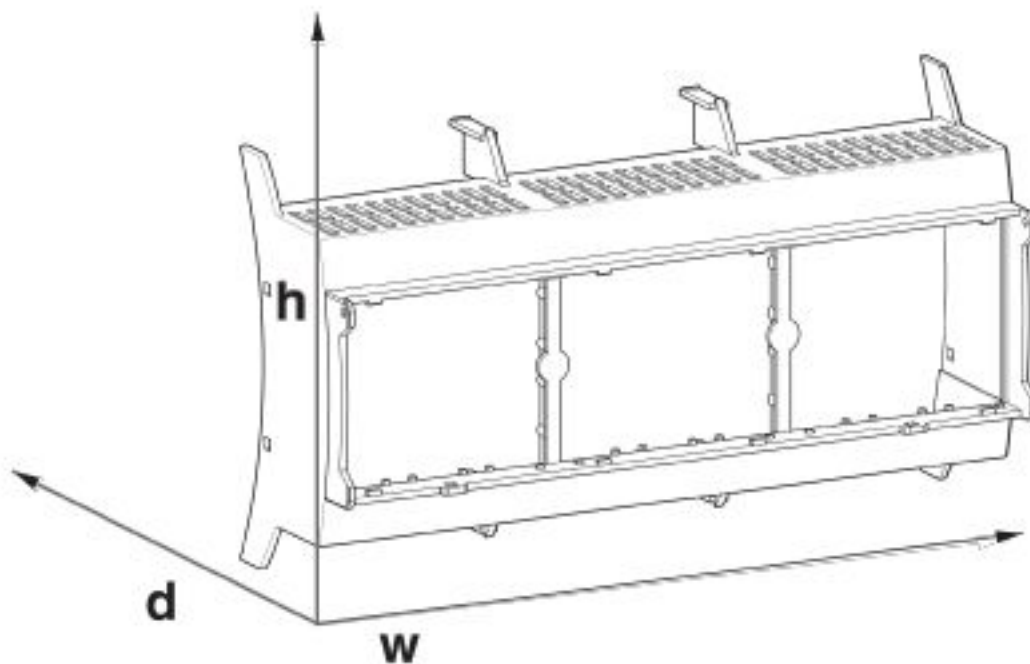
Environmental Product Compliance

	No hazardous substances above threshold values

Drawings

Dimensional drawing

Classifications

eCl@ss

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

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Classifications

ETIM

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

Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 240868

EAC			B.01742

Accessories

Accessories

Fiber optic

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Accessories

Fiber optic - HS LC-V-D3/ R2XC1-5,08 - 2202311

Light guides, passive, rigid, can be used for the BC housing range (housing must be processed)

Fiber optic - HS LC-V-D3/ R3XC1-5,08 - 2202312

Light guides, passive, rigid, can be used for the BC housing range (housing must be processed)

Necessary add-on products

PCB terminal block - MKDSN 1,5/ 2 HT BK - 1985849

PCB terminal block, nominal current: 13.5 A, rated voltage (III/2): 320 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. This article can be soldered in the reflow furnace together with SMD components.

PCB terminal block - MKDSN 2,5/ 3 HT BK - 1985933

PCB terminal block, nominal current: 16 A, rated voltage (III/2): 320 V, Nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. This article can be soldered in the reflow furnace together with SMD components.

PCB terminal block - MKDS 1,5/ 3 - 1715035

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. The article can be aligned to create different nos. of positions!

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Accessories

PCB terminal block - MKDSN 2,5/ 3 - 1890976

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: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block - MKKDSH 3/ 3 - 1721346

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: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block - GMKDS 1,5/ 2 - 1717020

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 630 V, Nominal cross section: 1.5 mm², pitch: 7.5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block base - GMKDSP 3/ 2 - 1732021

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, Nominal cross section: 2.5 mm², pitch: 7.5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block - SPTA 1/ 8-3,5 - 1752162

PCB terminal block, nominal current: 9 A, rated voltage (III/2): 200 V, Nominal cross section: 1 mm², pitch: 3.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm

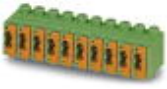# Upper part of housing - BC 161,6 OT 000020 KMGY - 2201450

Accessories

PCB terminal block - SPTA 1/ 6-5,0 - 1752256

PCB terminal block, nominal current: 9 A, rated voltage (III/2): 320 V, Nominal cross section: 1 mm², pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm

PCB terminal block - FK-MPT 0,5/ 8-3,5-H - 1928822

PCB terminal block, nominal current: 4 A, rated voltage (III/2): 250 V, Nominal cross section: 0.5 mm², pitch: 3.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 4 mm

PCB terminal block - FK-MPT 0,5/ 8-ST-3,5 - 1913989

PCB connector, nominal current: 4 A, rated voltage (III/2): 250 V, Nominal cross section: 0.5 mm², number of positions: 8, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

PCB terminal block - PTSA 0,5/11-2,5-Z - 1990096

PCB terminal block, nominal current: 2 A, rated voltage (III/2): 250 V, Nominal cross section: 0.5 mm², pitch: 2.5 mm, number of positions: 11, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, Pin layout: Zigzag pinning M, Solder pin [P]: 3.6 mm. Offset soldering legs, two-rowed

PCB terminal block - PTSA 0,5/11-2,5-F - 1989832

PCB terminal block, nominal current: 2 A, rated voltage (III/2): 250 V, Nominal cross section: 0.5 mm², pitch: 2.5 mm, number of positions: 11, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.6 mm. Soldering legs in front area, one-rowed

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Accessories

PCB terminal block - PTS 1,5/ 6-5,0-H - 1792902

PCB terminal block, nominal current: 16 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 2.5 mm

PCB terminal block - PT 1,5/ 6-5,0-H - 1935200

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 6, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm

PCB terminal block - PT 1,5/ 6-PH-5,0 - 1755622

PCB connector, nominal current: 10 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Pin strip - PST 1,3/ 6-5,0 - 1933228

Pin strip, nominal current: 12 A, rated voltage (III/2): 320 V, Nominal cross section: 1.5 mm², number of positions: 6, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, Pin layout: Linear pinning, solder pin [P]: 3.5 mm, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

PCB terminal block - MKKDS 1,5/ 2 - 1725012

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. The article can be aligned to create different nos. of positions!

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Accessories

PCB terminal block - MKKDSG 3/ 3 - 1721087

PCB terminal block, nominal current: 17.5 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: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block - ZFKKDS 1,5C-5,0 - 1889301

PCB terminal block, nominal current: 16 A, rated voltage (III/2): 400 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 1, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.7 mm. Single module for the custom grouping of different numbers of positions. An end terminal block is also needed to terminate the block (see accessories). Blocked items with different numbers of positions are also available.

Plug - PTDA 1,5/ 8-PH-3,5 - 1725185

PCB connector, nominal current: 8 A, rated voltage (III/2): 240 V, Nominal cross section: 1.5 mm², number of positions: 8, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, Pin layout: Linear double pinning

Plug - PTDA 2,5/ 6-PH-5,0 - 1725549

PCB connector, nominal current: 14 A, rated voltage (III/2): 400 V, Nominal cross section: 2.5 mm², number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

RJ45 socket insert - VS-08-BU-RJ45/LP-1 - 1688586

RJ45 socket insert, 1x, for PCB assembly, CAT5, 8-pos., shielded, with angled solder pins

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Accessories

Housing cover - BC 107,6 DKL R KMGY - 2896173

Installation component housing, Cover, width: 107.6 mm, height: 45 mm, Depth: 8 mm, color: light gray (7035)

Housing cover - BC 107,6 DKL S TRANS - 2896131

Installation component housing, Transparent hinged cover, Including insertion plate, width: 107.6 mm, height: 45 mm, color: transparent/light gray (7035)

PCB terminal block - SPTD 1,5/ 8-H-3,5 - 1841555

PCB terminal block, nominal current: 10 A, rated voltage (III/2): 200 V, Nominal cross section: 1.5 mm², pitch: 3.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/ PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm

PCB terminal block - SPT-THR 1,5/12-V-3,5 P20 R72 - 1823298

PCB terminal block, nominal current: 13.5 A, rated voltage (III/2): 160 V, Nominal cross section: 1.5 mm², pitch: 3.5 mm, number of positions: 12, connection method: Push-in spring connection, mounting: THR soldering, conductor/ PCB connection direction: 90 °, color: black, Pin layout: Linear double pinning, Solder pin [P]: 2 mm. Sample values available under SAMPLE SPT...

PCB terminal block - SPT-THR 1,5/ 9-V-5,0 P20 R88 - 1823489

PCB terminal block, nominal current: 13.5 A, rated voltage (III/2): 320 V, Nominal cross section: 1.5 mm², pitch: 5 mm, number of positions: 9, connection method: Push-in spring connection, mounting: THR soldering, conductor/ PCB connection direction: 90 °, color: black, Pin layout: Linear double pinning, Solder pin [P]: 2 mm. Sample values available under SAMPLE SPT...

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Accessories

PCB terminal block - SPTA-THR 1,5/ 9-5,08 R72 - 1071209

PCB terminal block, nominal current: 13.5 A, rated voltage (III/2): 320 V, Nominal cross section: 1.5 mm², pitch: 5.08 mm, number of positions: 9, connection method: Push-in spring connection, mounting: THR soldering, conductor/ PCB connection direction: 45 °, color: black, Solder pin [P]: 2.6 mm

RJ45 socket insert - CUC-SP-J1ST-S/R4LT-SMD - 1149611

RJ45 socket insert - CUC-SP-J1ST-A/R4LT-THR-LED - 1149867

RJ45 socket insert - CUC-MP-J1ST-A/2R4LT-THR - 1149858

RJ45 socket insert

Additional products

Filler plugs - BC 53,6 BS U22 KMGY - 2896238

DIN rail housing for use in distribution boards in accordance with DIN 43880, Filler plug for unoccupied terminal points, width: 53.6 mm, Depth: 22.35 mm, color: light gray (7035)