PHOENIX CONTACT

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

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Installation component housing, Upper part, color: light gray, width: 161.6 mm, length: 89.7 mm, height: 62.2 mm

Why buy this product

☑ 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 STK
Minimum order quantity	500 STK
GTIN	4 046356 949545
GTIN	4046356949545
Weight per Piece (excluding packing)	34.100 g
Custom tariff number	85472000
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

General

Housing type	Installation component housing
Housing material	Polycarbonate
Color (RAL)	light gray

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)

Dimensions

Length	89.7 mm
Constructional height	62.2 mm
Width	161.6 mm
Depth	89.7 mm

Technical data

Power dissipation without gap	16.95 W

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 4.1	27180401
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031

UNSPSC

UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

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 optics

Component housing - HS LC-V-D3/ R2XC1-5,08 - 2202311

Fiber optics can be used for the BC housing range (housing must be processed), color: transparent

Component housing - HS LC-V-D3/ R3XC1-5,08 - 2202312

Fiber optics can be used for the BC housing range (housing must be processed), color: transparent

Necessary add-on products

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

PCB terminal block, nominal current: 13.5 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black. This article can be soldered in the reflow furnace together with SMD components.

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Accessories

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

PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black. 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, nom. voltage: 400 V, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. The article can be aligned to create different nos. of positions!

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

PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. 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, nom. voltage: 400 V, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. 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, nom. voltage: 630 V, 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. The article can be aligned to create different nos. of positions!

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Accessories

PCB terminal block base - GMKDSP 3/ 2 - 1732021

PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, 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. 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, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green

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

PCB terminal block, nominal current: 9 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green

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

PCB terminal block, nominal current: 4 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

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

Plug component, nominal current: 4 A, rated voltage (III/2): 250 V, number of positions: 8, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Accessories

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

PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 11, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Offset soldering legs, two-rowed

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

PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 11, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Soldering legs in front area, one-rowed

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

PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

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

PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 6, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. Also possible: Connection of a 1.5 mm² conductor with ferrule, then however with reduction in rated voltage or degree of pollution / surge category.

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

Plug component, nominal current: 10 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

PHŒNIX CONTACT

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Accessories

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

Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, 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, nom. voltage: 400 V, pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. The article can be aligned to create different nos. of positions!

PCB terminal block - MKKDSG 3/ 3 - 1721087

PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. 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, nom. voltage: 400 V, pitch: 5 mm, number of positions: 1, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. 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

Plug component, nominal current: 8 A, rated voltage (III/2): 240 V, number of positions: 8, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Electronic housing - BC 161,6 OT 112122 KMGY - 2201881

Accessories

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

Plug component, nominal current: 14 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Pin strip - PST 1,3/ 6-LV-5,0 - 1704521

Header, nominal current: 14 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, Specifically for PT 2,5/..-PVH

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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Cover - BC 161,6 DKL S TRANS - 2278542

Installation component housing, Housing cover, Cross connection: Component housing, color: transparent, width: 161.6 mm

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Housing cover - BC 161,6 DKL R KMGY - 2278539

Installation component housing, Housing cover, color: light gray, width: 161.6 mm

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