

## Electronic housing - BC 161,6 OT 000020 KMGY - 2201450

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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 806213
GTIN	4046356806213
Weight per Piece (excluding packing)	52.570 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 (7035)

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## Technical data

### Ambient conditions

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

## Classifications

### eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

### ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

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### Approvals

#### Approvals

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#### Approvals

UL Recognized / EAC

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#### Ex Approvals

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### 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

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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

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### Necessary add-on products

## Electronic housing - BC 161,6 OT 000020 KMGY - 2201450

### Accessories

#### 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.

#### 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!

## Electronic housing - BC 161,6 OT 000020 KMGY - 2201450

### Accessories

#### 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!

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#### 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!

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#### 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

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#### 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

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#### 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

## Electronic housing - BC 161,6 OT 000020 KMGY - 2201450

### Accessories

#### 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

#### 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 mm<sup>2</sup> conductor with ferrule, then however with reduction in rated voltage or degree of pollution / surge category.

## Electronic housing - BC 161,6 OT 000020 KMGY - 2201450

### Accessories

#### 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

#### 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.

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### Accessories

#### 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

#### 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

#### 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

#### 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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### Accessories

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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