

Upper part of housing - BC 107,6 OT U22 KMGY - 2896089

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Installation component housing, Upper part, width: 107.6 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

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4046356096508
Weight per Piece (excluding packing)	21.820 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

Item properties

Brief article description	Upper part of housing
Type	BC 107,6 OT U22 KMGY
Order No.	2896089
Housing type	Installation component housing

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Technical data

Item properties

Type	Upper part
Max. IP code to attain	IP20
Ventilation openings present	yes

Dimensions

Width [w]	107.6 mm
Height [h]	89.7 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 ... 100 °C (depending on power dissipation)
Relative humidity (storage/transport)	95 %

PCB data

PCB thickness	1.8 mm
Type of PCB mount	Latching

Mechanical strength/tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Number of drop cycles	50

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 - 58.1 Hz)
Acceleration	2g (58.1 - 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Shock

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.)

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Technical data

Test for assessing the risk of fire (glow wire)

Specification	DIN EN 60695-2-11 (VDE 0471-2-11):2014-11
Temperature	850 °C
Time of exposure	30 s

Degrees of protection provided by housings (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

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
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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	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC000886
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 6.01	31261501
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Classifications

UNSPSC

UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	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
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EAC		B.01742
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Accessories

Accessories

Fiber optic

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)

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Accessories

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, 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, 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, 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: 24 A, 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!

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Accessories

PCB terminal block - MKKDSH 3/ 3 - 1721346



PCB terminal block, nominal current: 24 A, 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, 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 base - GMKDSP 3/ 2 - 1732021



PCB terminal block, nominal current: 24 A, 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, 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, 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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Accessories

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

PCB terminal block, nominal current: 4 A, 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

PCB connector, nominal current: 4 A, 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, 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, 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, pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



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Accessories

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

PCB terminal block, nominal current: 17.5 A, pitch: 5 mm, number of positions: 6, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



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

PCB connector, nominal current: 10 A, 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, 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, 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, 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!



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Accessories

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



PCB terminal block, nominal current: 16 A, 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



PCB connector, nominal current: 8 A, 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



PCB connector, nominal current: 14 A, 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



Pin strip, number of positions: 6, pitch: 5 mm, color: black, 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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Accessories

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



Installation component housing, Cover, width: 107.6 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, color: light gray (7035)

Additional products

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



Installation component housing, Filler plug; 53.6, width: 53.6 mm, color: Light gray (7035)
