

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Installation component housing, Upper part, color: light gray, width: 53.6 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

Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	
GTIN	4046356103206
Weight per Piece (excluding packing)	23.390 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

General

Housing type	Installation component housing
Housing material	Polycarbonate
Color (RAL)	light gray (7035)

Ambient conditions

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Technical data

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)

Dimensions

Length	89.7 mm
Constructional height	62.2 mm
Width	53.6 mm
Depth	89.7 mm

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 4.0	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 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC000886
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

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Approvals

Approvals

Approvals

UL Recognized / EAC / EAC

Ex Approvals

Approval details

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

EAC			EAC-Zulassung
-----	--	--	---------------

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

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

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!

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Accessories

PCB terminal block - GMKDS 1,5/ 3 - 1717033



PCB terminal block, nominal current: 17.5 A, nom. voltage: 630 V, pitch: 7.5 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 base - GMKDSP 3/ 3 - 1732034



PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, pitch: 7.5 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 - SPTA 1/12-3,5 - 1752201



PCB terminal block, nominal current: 9 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 12, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green

PCB terminal block - SPTA 1/10-5,0 - 1752298



PCB terminal block, nominal current: 9 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 10, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 65 °, color: green

PCB terminal block - FK-MPT 0,5/13-3,5-H - 1928877



PCB terminal block, nominal current: 4 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 13, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Accessories

PCB terminal block - FK-MPT 0,5/13-ST-3,5 - 1914043

Plug component, nominal current: 4 A, rated voltage (III/2): 250 V, number of positions: 13, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



PCB terminal block - PTSA 0,5/16-2,5-Z - 1990148

PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 16, 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 0,5/16-2,5-F - 1989887

PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 16, 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/ 9-5,0-H - 1792931

PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 9, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



PCB terminal block - PT 1,5/ 9-5,0-H - 1935239

PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 9, 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.



Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Accessories

PCB terminal block - PT 1,5/ 9-PH-5,0 - 1755651



Plug component, nominal current: 10 A, rated voltage (III/2): 400 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Pin strip - PST 1,3/ 9-5,0 - 1933257



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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/ 3 - 1725025



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 - 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 - ZFKDS 1,5C-5,0 - 1889259



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.

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Accessories

Plug - PTDA 1,5/13-PH-3,5 - 1725250



Plug component, nominal current: 8 A, rated voltage (III/2): 240 V, number of positions: 13, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Plug - PTDA 2,5/ 9-PH-5,0 - 1725649



Plug component, nominal current: 14 A, rated voltage (III/2): 400 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Pin strip - PST 1,3/ 8-LV-5,0 - 1704547



Header, nominal current: 14 A, rated voltage (III/2): 400 V, number of positions: 8, 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

Electronic housing - BC 53,6 DKL S TRANS - 2896445



Installation component housing, Housing cover, Cross connection: Component housing, color: transparent, width: 53.6 mm

Upper part of housing - BC 53,6 OT U22 KMGY - 2896429

Accessories

Electronic housing - BC 53,6 DKL R KMGY - 2896432



Installation component housing, Housing cover, color: light gray, width: 53.6 mm

Additional products

Keying tab - BC 53,6 BS U22 KMGY - 2896238



Component housing, color: light gray
