

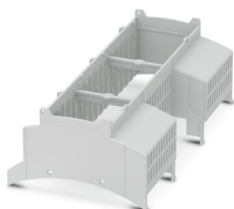
BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661

<https://www.phoenixcontact.com/gb/products/1074661>

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 documentation. Our general terms of use for downloads are valid.



DIN rail housing for use in distribution boards in accordance with DIN 43880, modular upper housing part, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light gray (similar RAL 7035)

Your advantages

- Coordinated housing and connection system for faster device development
- Individual online configuration for diverse applications in building automation
- Variety of connection technology
- Can be mounted on the DIN rail or the wall
- With DIN-rail-mountable bus connector and power connector system as an option
- Tool-free mounting
- Available in overall widths from 1 ... 9 width units (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

Commercial data

Item number	1074661
Packing unit	80 pc
Minimum order quantity	80 pc
Note	Made to order (non-returnable)
Sales key	ACHBAB
Product key	ACHBAB
GTIN	4055626775166
Weight per piece (including packing)	65.64 g
Weight per piece (excluding packing)	36.235 g
Customs tariff number	84879090
Country of origin	DE

BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661

<https://www.phoenixcontact.com/gb/products/1074661>

Technical data

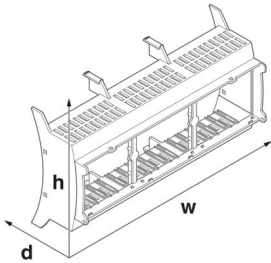
Notes

Assembly note	Please observe the application note in the download area.
---------------	-----------------------------------------------------------

Product properties

Product type	Upper housing part
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Product family	BC 161,6..
Type	modular upper housing part
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	161.6 mm
Height	89.7 mm
Depth	54.85 mm
Horizontal pitch	9 Div.

PCB design

PCB thickness	1.4 mm ... 1.8 mm
---------------	-------------------

Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
Housing material	PC
Surface characteristics	untreated

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)

BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661

<https://www.phoenixcontact.com/gb/products/1074661>

Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

Shocks

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.)

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
---------------	---------------------------------------------------

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	95 %

PCB data

Number of PCB holders	18
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Snap in
---------------	---------

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

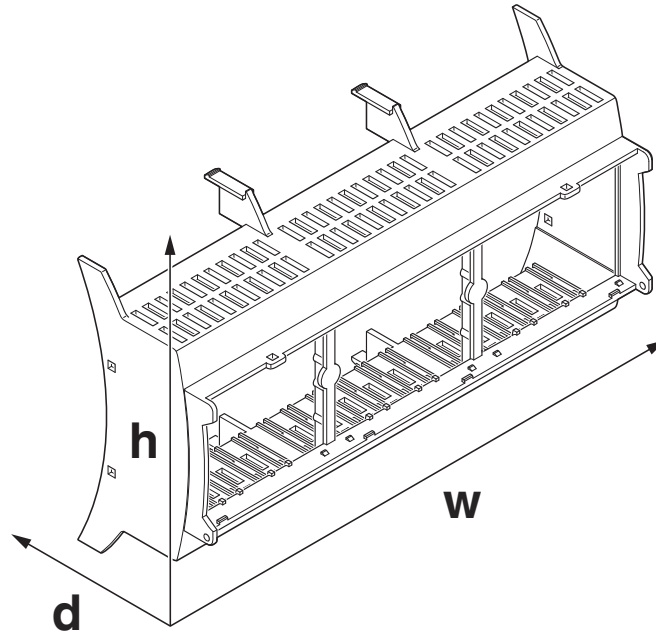
BC 161,6 OT 202220 KMGY VPE80 - Upper housing part

1074661

<https://www.phoenixcontact.com/gb/products/1074661>

Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661

<https://www.phoenixcontact.com/gb/products/1074661>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1074661>



UL Recognized

Approval ID: E240868

BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661
<https://www.phoenixcontact.com/gb/products/1074661>

Classifications

ECLASS

ECLASS-13.0	27190603
-------------	----------

ETIM

ETIM 9.0	EC002779
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

BC 161,6 OT 202220 KMGY VPE80 - Upper housing part



1074661

<https://www.phoenixcontact.com/gb/products/1074661>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk