

# BC 161,6 OT U22 KMGY - Upper housing part



2278526

<https://www.phoenixcontact.com/pc/products/2278526>

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U22) with vents, Installation depth connection technology: 22.35 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light grey (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 one to nine HP (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

## Commercial data

Item number	2278526
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	ACHBAB
Catalog page	Page 700 (C-1-2013)
GTIN	4046356299473
Weight per piece (including packing)	55.82 g
Weight per piece (excluding packing)	55.34 g
Customs tariff number	84879090
Country of origin	DE

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## Technical data

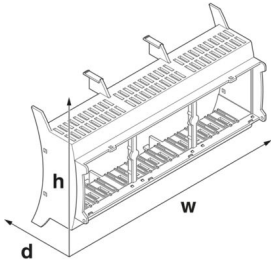
### Notes

General	Refer to the data sheet for the range in the download area.
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### Product properties

Product type	Upper housing part
Product family	BC 161,6
Housing series	BC
Max. number of positions	96 (pitch: 2.5 mm) 72 (pitch: 3.5 mm) 54 (pitch: 5 mm) 36 (pitch: 7.5 mm)
Type	Upper housing part (U22) with vents
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
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
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### Material specifications

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

### Environmental and real-life conditions

#### Vibration test

Specification	IEC 60068-2-6:2007-12
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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)
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
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## 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
Mounting position	Vertical (horizontal DIN rail)

## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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## 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.

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2278526>



**UL Recognized**

Approval ID: FILE E 240868

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## 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%

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