

## Upper part of housing - BC 161,6 OT U11 KMGY - 2278513

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part with vents, Installation depth connection technology: 11.1 mm, width: 161.6 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
GTIN	
GTIN	4046356299480

### Technical data

#### Item properties

Brief article description	Upper part of housing
Type	BC 161,6 OT U11 KMGY
Order No.	2278513
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Type	Upper housing part with vents
Max. IP code to attain	IP20
Mounting type	Snap in

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## Technical data

### Item properties

Connection levels	1 (Both sides)
Ventilation openings present	yes
Max. number of positions	96 (pitch: 2.5 mm)
	72 (pitch: 3.5 mm)
	54 (pitch: 5 mm)
	36 (pitch: 7.5 mm)

### Dimensions

Width [ w ]	161.6 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

Number of PCB holders	18
PCB thickness	1.8 mm
Mounting position	parallel to the DIN rail
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
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### Technical data

#### Shock

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.)

#### 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

#### General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

#### 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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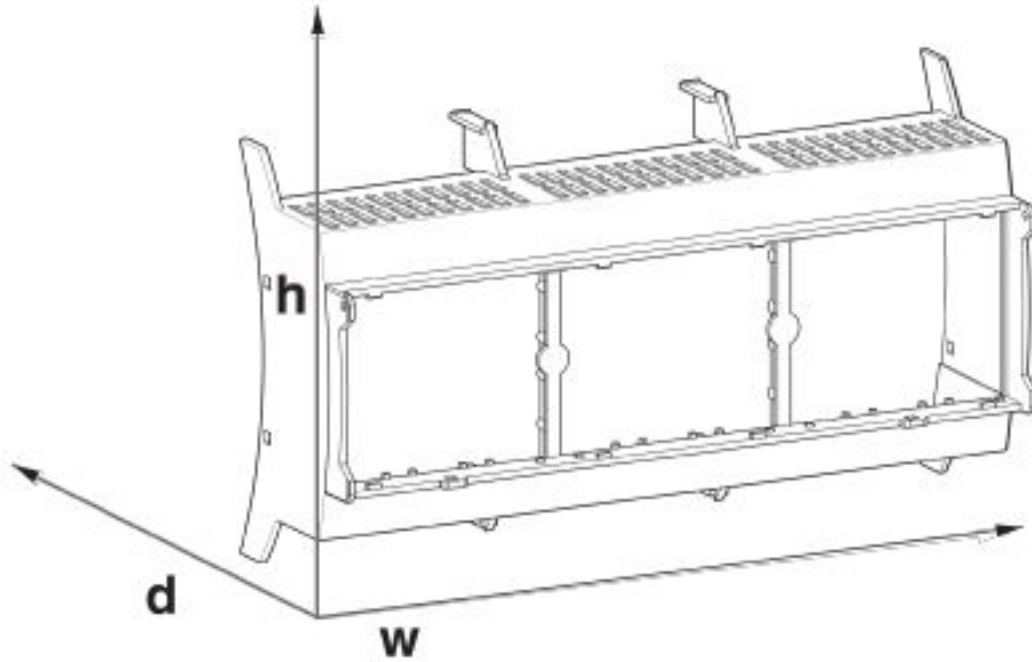
#### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

# Upper part of housing - BC 161,6 OT U11 KMGY - 2278513

Dimensional drawing



## 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

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### Approvals

EAC



B.01742

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