

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/us/products/2896160>

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 71.6 mm, height: 45 mm, depth: 8 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	2896160
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC10
Product key	ACHBAB
Catalog page	Page 699 (C-1-2013)
GTIN	4046356096577
Weight per piece (including packing)	9.68 g
Weight per piece (excluding packing)	7.92 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	Cover
Housing series	BC
Product family	BC DKL R KMGY
Type	Latching cover (non-detachable)
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Ventilation openings present	no

### Dimensions

Width	71.6 mm
Height	45 mm
Depth	8 mm

### Material specifications

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

### 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)
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

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## 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 %

## Mounting

Mounting type	Latching with upper housing part
Mounting position	Vertical (horizontal DIN rail)

## Packaging specifications

Type of packaging	Box packaging
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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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)