

# BC 107,6 DKL S TRANS - Housing cover

2896131

<https://www.phoenixcontact.com/us/products/2896131>



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DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, including insertion plate, width: 107.6 mm, height: 45 mm, depth: 8 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	2896131
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC10
Product key	ACHBAB
GTIN	4046356096546
Weight per piece (including packing)	24.55 g
Weight per piece (excluding packing)	20.908 g
Customs tariff number	84879090
Country of origin	DE

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## Technical data

### Notes

Assembly note	Please observe the application note in the download area.
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### Product properties

Product type	Cover
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Product family	BC 107,6..
Number (Connection openings)	0
Ventilation openings present	no

### Dimensions

Width	107.6 mm
Height	45 mm
Depth	8 mm
Horizontal pitch	6 Div.

### Material specifications

Color (Insertion plate)	light gray (RAL 7035)
Color (Housing cover)	transparent
Material	PC
Flammability rating according to UL 94	V0
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)
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

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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

Type of PCB mount	Latching
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## Mounting

Mounting type	can be swiveled and sealed
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## Packaging specifications

Type of packaging	Box packaging
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## Approvals

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**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

ECLASS-13.0	27190603
ECLASS-15.0	27190603

### ETIM

ETIM 9.0	EC002779
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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
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)