

# BC 17,8 DKL S TRANS - Housing cover



2896102

<https://www.phoenixcontact.com/us/products/2896102>

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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: 17.8 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	2896102
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC10
Product key	ACHBAB
Catalog page	Page 698 (C-1-2013)
GTIN	4046356096638
Weight per piece (including packing)	6.22 g
Weight per piece (excluding packing)	3.74 g
Customs tariff number	84879090
Country of origin	DE

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## Technical data

### Notes

Assembly note	Refer to the data sheet for the range 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 17,8..
Type	transparent hinged cover, can be sealed
Ventilation openings present	no

### Dimensions

Width	17.8 mm
Height	45 mm
Depth	8 mm

### Material specifications

Color (Insertion plate)	light grey (RAL 7035)
Color (Housing cover)	transparent
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
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

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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	can be swiveled and sealed
Mounting position	Vertical (horizontal DIN rail)

## Packaging specifications

Type of packaging	Box packaging
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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2896102>



**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
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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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## Accessories

### HS LC-V-D3/ R2XC1-5,08 - Fiber optic

2202311

<https://www.phoenixcontact.com/us/products/2202311>



Multiple light guides, passive, rigid, can be used for the BC housing range (housing must be processed)

### HS LC-V-D3/ R3XC1-5,08 - Fiber optic

2202312

<https://www.phoenixcontact.com/us/products/2202312>



Multiple light guides, passive, rigid, can be used for the BC housing range (housing must be processed)

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### HS LC-H-D3/ R2XC1-5,08 - Fiber optic

2202315

<https://www.phoenixcontact.com/us/products/2202315>

Multiple light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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### HS LC-H-D2/ R2XC1-2,54 - Fiber optic

2202316

<https://www.phoenixcontact.com/us/products/2202316>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)





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## HS LC-H-D2/ R2XC2-2,54 - Fiber optic

2202317

<https://www.phoenixcontact.com/us/products/2202317>



Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R2XC5-2,54 - Fiber optic

2202318

<https://www.phoenixcontact.com/us/products/2202318>



Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R2XC10-2,54 - Fiber optic

2202319

<https://www.phoenixcontact.com/us/products/2202319>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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