

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 53.6 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	2896432
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC10
Product key	ACHBAB
GTIN	4046356103183
Weight per piece (including packing)	6.86 g
Weight per piece (excluding packing)	6.8 g
Customs tariff number	84879090
Country of origin	DE

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



## Technical data

### Notes

Assembly note	Please observe the application note in the download area.
---------------	---

### 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 53,6..
Number (Connection openings)	0
Ventilation openings present	no

### Dimensions

Width	53.6 mm
Height	45 mm
Depth	8 mm
Horizontal pitch	3 Div.

### Material specifications

Color (Housing cover)	light gray (RAL 7035)
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
Height of fall	50 cm

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



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
---------------	---

## 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
-------------------	----------

## Mounting

Mounting type	Latching with upper housing part
---------------	----------------------------------

## Packaging specifications

Type of packaging	Box packaging
-------------------	---------------

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2896432>



**UL Recognized**

Approval ID: E240868

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



## Classifications

### ECLASS

ECLASS-13.0	27190603
ECLASS-15.0	27190603

### ETIM

ETIM 9.0	EC002779
----------	----------

### UNSPSC

UNSPSC 21.0	31261500
-------------	----------

# BC 53,6 DKL R KMGY - Housing cover

2896432

<https://www.phoenixcontact.com/us/products/2896432>



## 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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

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