

Housing cover with touch display - BC 107,6 DKL R D2,4 TCG BK



1335861

<https://www.phoenixcontact.com/gb/products/1335861>

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), integrated capacitive 2.4" touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm, color: black (9005)

Your advantages

- Fast device development with integrated 2.4" touch display
- Suitable for different device requirements, thanks to housing versions with and without membrane keypad
- Coordinated housing, keypad, and display design
- Maximum flexibility with many combination options for the housing cover and upper parts
- Customization of membrane keypad via configurator

Commercial Data

Item number	1335861
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	ACHBAI
Product Key	ACHBAI
GTIN	4063151637620
Weight per Piece (including packing)	51.94 g
Weight per Piece (excluding packing)	43.84 g
Customs tariff number	85389099
Country of origin	DE

Housing cover with touch display - BC 107,6 DKL R D2,4 TCG BK



1335861

<https://www.phoenixcontact.com/gb/products/1335861>

Technical Data

Notes

Assembly instruction:	Refer to the data sheet for the range in the download area.
-----------------------	---

Product properties

Product type	Cover
Type	Latching cover (non-detachable), integrated capacitive 2.4" touch display
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Ventilation openings present	no
Housing series	BC

Display

Display type	TFT, IPS
Display type	capacitive
Diagonal	2.4 in. / 6.1 cm (Display)
Screen resolution	320 x 240 Pixel(s) (QVGA)
Display formats	3:4
Display lighting type	LED, white
Controller	GT911 (Goodix)

Interfaces

Interface	4-wire SPI
-----------	------------

Dimensions

Width	107.6 mm
Height	45 mm
Depth	13.5 mm

Material specifications

Color	black (9005)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
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

Housing cover with touch display - BC 107,6 DKL R D2,4 TCG BK



1335861

<https://www.phoenixcontact.com/gb/products/1335861>

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

Glow-wire test

Specification	DIN EN 60695-2-11 (VDE 0471-2-11):2014-11
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

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)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 70 °C

Mounting

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

Housing cover with touch display - BC 107,6 DKL R D2,4 TCG BK



1335861

<https://www.phoenixcontact.com/gb/products/1335861>

Classifications

ECLASS

ECLASS-9.0	27182702
ECLASS-11.0	27182702

ETIM

ETIM 8.0	EC001031
----------	----------

UNSPSC

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

Phoenix Contact 2022 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk