

# BC 71,6 DKL R D2,4 TCG KMGY - Housing cover with touch display



1335811

<https://www.phoenixcontact.com/us/products/1335811>

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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: 71.6 mm, height: 45 mm, depth: 13.5 mm

## 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	1335811
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AC10
Product key	ACHBAI
GTIN	4063151637477
Weight per piece (including packing)	45.69 g
Weight per piece (excluding packing)	40.5 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 71,6..
Number (Connection openings)	0
Ventilation openings present	no

### 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
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### Dimensions

Width	71.6 mm
Height	45 mm
Depth	13.5 mm

### Material specifications

Color (Housing)	light gray (RAL 7035)
Material Housing	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)

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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

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

## PCB data

Type of PCB mount	Latching
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## Mounting

Mounting type	Latching with upper housing part
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## Packaging specifications

Type of packaging	Box packaging
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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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