

# UCS CCD 5018 - Corner inlay



2203404

<https://www.phoenixcontact.com/us/products/2203404>

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Corner inlay for UCS housings with integrated screw boss, material: polyamide, color: turquoise blue, similar to RAL 5018



## Your advantages

- Flexible mounting options for the control cabinet and use in the field
- Can be adapted to suit the application, thanks to identical receptacles in the housing
- Different colors for high recognition value inside and outside the control cabinet

## Commercial data

Item number	2203404
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC03
Product key	ACFCAA
GTIN	4055626403625
Weight per piece (including packing)	14 g
Weight per piece (excluding packing)	14 g
Customs tariff number	39269097
Country of origin	DE

## Technical data

### Notes

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

Product type	Select corner
Housing type	Universal housings
Housing series	UCS
Ventilation openings present	no

### Dimensions

Width	16.2 mm
Height	16.2 mm
Depth	27.05 mm

### PCB design

PCB thickness	0.8 mm ... 3 mm
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### Material specifications

Color (Corner inlay)	turquoise green (RAL 5018)
Material Corner inlay	PA
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Insulating material	PA
Surface characteristics	galvanized

### 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

#### Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C

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Test duration	1 h
Force	20 N

## 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.)

## Test for substances that would hinder coating with paint or varnish

Specification	VW PV 3.10.7:2005-02
Result	Test passed

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP40

## Ambient conditions

Max. IP code to attain	IP40
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

## PCB data

Number of PCB holders	1
Type of PCB mount	Bolt mounting
Thickness of the PCB	0.8 mm ... 3 mm
Note on PCB holders	This product is prepared for a printed-circuit board. Additional printed-circuit boards can be mounted using adhesive pads (accessories).

## Mounting

Mounting type	Screw mounting
Tightening torque / speed	Screw connection between housing halves: 1.2 - 1.4 Nm / 500 - 1000 rpm Mounting of PCB on corner feeder: 0.4 - 0.5 Nm / 500 - 1000 rpm
Tightening torque	1.2 Nm ... 1.4 Nm
Tightening torque	0.4 Nm ... 0.5 Nm

## Packaging specifications

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Type of packaging	PE bag
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## Classifications

### ECLASS

ECLASS-13.0	27190605
ECLASS-15.0	27190605

### ETIM

ETIM 10.0	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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