

# UCS CCD 9005 - Corner inlay



2203477

<https://www.phoenixcontact.com/us/products/2203477>

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Corner inlay for UCS housings with integrated screw boss; material: polyamide; color: black, similar to RAL 9005



## 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	2203477
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC03
Product key	ACFCAA
GTIN	4055626403458
Weight per piece (including packing)	13.4 g
Weight per piece (excluding packing)	11.08 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 (Housing)	black (RAL 9005)
Material	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

## Packaging specifications

Type of packaging	PE bag
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## Classifications

### ECLASS

ECLASS-15.0	27190605
ECLASS-13.0	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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