

# UCS CC 9005 - Corner inlay

2203396

<https://www.phoenixcontact.com/us/products/2203396>



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Corner inlay for UCS housings, 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                          | 2203396       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC03          |
| Product key                          | ACFCAA        |
| GTIN                                 | 4055626427935 |
| Weight per piece (including packing) | 10.8 g        |
| Weight per piece (excluding packing) | 8.72 g        |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|         |   |
|---------|---|
| General | Refer to the data sheet for the range in the download area. |
|---------|---|

### Product properties

|                              |                        |
|------------------------------|------------------------|
| Product type                 | Select corner          |
| Housing series               | UCS                    |
| Product family               | UCS                    |
| Type                         | including screws, flat |
| Housing type                 | Universal housings     |
| Ventilation openings present | no                     |

### Dimensions

|        |         |
|--------|---------|
| Width  | 16.2 mm |
| Height | 16.2 mm |
| Depth  | 13.5 mm |

### PCB design

|               |                 |
|---------------|-----------------|
| PCB thickness | 0.8 mm ... 3 mm |
|---------------|-----------------|

### Material specifications

|  |                  |
|--|------------------|
| Color (Housing)                        | black (RAL 9005) |
| Flammability rating according to UL 94 | V0               |
| CTI according to IEC 60112             | 600              |
| Insulating material                    | PA               |
| Surface characteristics                | untreated        |
| Housing material                       | Polyamide        |

### 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

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

|                      |                 |
|----------------------|-----------------|
| Type of PCB mount    | Bolt mounting   |
| Thickness of the PCB | 0.8 mm ... 3 mm |

## Mounting

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

## Packaging specifications

|                   |        |
|-------------------|--------|
| Type of packaging | PE bag |
|-------------------|--------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190605 |

### ETIM

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

### UNSPSC

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

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## Environmental product compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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