

# UCS DIN 125-F 9005 - DIN rail adapter



1174338

<https://www.phoenixcontact.com/us/products/1174338>

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DIN rail adapter for mounting one UCS 125-87-F housing (long side) or UCS 145-125-F housing (short side) onto an NS 35 DIN rail; will be set into the housing instead of a UCS SW 125 side wall; material: polycarbonate; color: black, similar to RAL 9005



## Your advantages

- Practical customization options
- Tool-free snap-in principle enables easy mounting on the device panel
- 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                          | 1174338       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC03          |
| Product key                          | ACFCAZ        |
| GTIN                                 | 4063151201555 |
| Weight per piece (including packing) | 23.7 g        |
| Weight per piece (excluding packing) | 18.4 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. |
| General       | NOTE: Observe the maximum permissible total weight.       |

### Product properties

|                              |                    |
|------------------------------|--------------------|
| Product type                 | DIN rail adapter   |
| Housing type                 | Universal housings |
| Housing series               | UCS                |
| Ventilation openings present | no                 |

### Dimensions

|                                 |          |
|---------------------------------|----------|
| Width                           | 39.5 mm  |
| Height                          | 110.2 mm |
| Depth                           | 23.9 mm  |
| Depth from top edge of DIN rail | 16.9 mm  |

### Material specifications

|  |                  |
|--|------------------|
| Color (Housing)                        | black (RAL 9005) |
| Material                               | PC               |
| Flammability rating according to UL 94 | V0               |
| CTI according to IEC 60112             | 225              |
| Insulating material                    | PC               |

### 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                 |
| Test duration | 1 h                    |

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|       |      |
|-------|------|
| 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 ... 70 °C                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |
| Relative humidity (storage/transport)   | 95 %   |

## Mounting

|                   |  |
|-------------------|--|
| Mounting type     | DIN rail mounting  |
| Mounting position | On horizontal DIN rail NS 35/7.5 and NS 35/15 acc. to EN 60715 |

## Packaging specifications

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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1174338>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27370419 |
| ECLASS-15.0 | 27370419 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001024 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |  |
|-------------------------------------|--|
| REACH candidate substance (CAS No.) | Perfluorobutane sulfonic acid (PFBS) and its salts(CAS: n/a) |
|-------------------------------------|--|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.122 kg CO2e |
|---------|---------------|

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