

# UCS DIN 125-F 9005 - DIN rail adapter



1174338

<https://www.phoenixcontact.com/pc/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          |
| 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 | Refer to the data sheet for the range in the download area. |
| General       | NOTE: Observe the maximum permissible total weight.         |

### Product properties

|                              |                       |
|------------------------------|-----------------------|
| Product type                 | Mounting rail adapter |
| Housing type                 | Universal housings    |
| Housing series               | UCS                   |
| Type                         | Flat design           |
| Ventilation openings present | no                    |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 00 |
|------------------|----|

### 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) |
| Flammability rating according to UL 94 | V0               |
| CTI according to IEC 60112             | 225              |
| Insulating material                    | PC               |
| Housing material                       | PC               |
| 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) |
| 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                   |

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## Thermal stability / ball thrust test

|               |                        |
|---------------|------------------------|
| 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 ... 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/pc/products/1174338>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27370419 |
| ECLASS-12.0 | 27370419 |
| ECLASS-13.0 | 27370419 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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.)     | No substance above 0.1 wt%               |

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## Accessories

### UCS 125-87-F-CCD 7035 - Universal housings

2203443

<https://www.phoenixcontact.com/pc/products/2203443>



Complete housing for PCBs, fixed to the corner inlays, includes housing half shells, side panels closed, corner inlays with PCB attachment, screws for housing and PCB attachment, light gray housing with turquoise blue corner inlays

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### UCS 125-87-F-CCD 9005 - Universal housings

2203444

<https://www.phoenixcontact.com/pc/products/2203444>



Complete housing for PCBs, fixed to the corner inlays, includes housing half shells, side panels closed, corner inlays with PCB attachment, screws for housing and PCB attachment, black housing with turquoise blue corner inlays

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## UCS 125-87-F-GD 7035 - Universal housings

2203328

<https://www.phoenixcontact.com/pc/products/2203328>



Complete housing for PCBs, can be positioned flexibly; includes housing half shells, side panels closed, adhesive pads for PCB attachment, screws for housing and PCB attachment; housing color: light gray, with turquoise-blue corner inlays

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## UCS 125-87-F-GD 9005 - Universal housings

2203329

<https://www.phoenixcontact.com/pc/products/2203329>



Complete housing for PCBs, can be positioned flexibly; includes housing half shells, side panels closed, adhesive domes for PCB attachment, screws for housing and PCB attachment; housing: black with turquoise blue corner inlays

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## UCS 125-87-F-GD-RPI 7035 - Universal housings

1019724

<https://www.phoenixcontact.com/pc/products/1019724>



Complete housing for printed-circuit boards. Includes housing half shells, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B2 and B3 computers, screws for housing and PCB attachment; light gray housing with turquoise-blue corner inlays

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## UCS 125-87-F-GD-RPI 9005 - Universal housings

1019723

<https://www.phoenixcontact.com/pc/products/1019723>



Complete housing for printed-circuit boards. Includes housing half shells, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B2 and B3 computers, screws for housing and PCB attachment; black housing with turquoise blue corner inlays

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## UCS 145-125-F-GD 7035 - Universal housings

2203332

<https://www.phoenixcontact.com/pc/products/2203332>



Complete housing for PCBs, can be positioned flexibly; includes housing half shells, side panels closed, adhesive domes for PCB attachment, screws for housing and PCB attachment; light gray housing with turquoise blue corner inlays

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## UCS 145-125-F-GD 9005 - Universal housings

2203333

<https://www.phoenixcontact.com/pc/products/2203333>



Complete housing for PCBs, can be positioned flexibly; includes housing half shells, side panels closed, adhesive domes for PCB attachment, screws for housing and PCB attachment; housing: black with turquoise blue corner inlays

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## UCS 145-125-F-CCD 7035 - Universal housings

2203447

<https://www.phoenixcontact.com/pc/products/2203447>



Complete housing for PCBs, fixed to the corner inlays, includes housing half shells, side panels closed, corner inlays with PCB attachment, screws for housing and PCB attachment, light gray housing with turquoise blue corner inlays

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## UCS 145-125-F-CCD 9005 - Universal housings

2203448

<https://www.phoenixcontact.com/pc/products/2203448>



Complete housing for PCBs, fixed to the corner inlays, includes housing half shells, side panels closed, corner inlays with PCB attachment, screws for housing and PCB attachment, black housing with turquoise blue corner inlays

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## UCS 145-125-F-GD-RPI 7035 - Universal housings

1019749

<https://www.phoenixcontact.com/pc/products/1019749>



Complete housing for printed-circuit boards. Includes housing half shells, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B2 and B3 computers, screws for housing and PCB attachment; light gray housing with turquoise-blue corner inlays

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## UCS 145-125-F-GD-RPI 9005 - Universal housings

1019720

<https://www.phoenixcontact.com/pc/products/1019720>



Complete housing for printed-circuit boards. Includes housing half shells, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B2 and B3 computers, screws for housing and PCB attachment; black housing with turquoise blue corner inlays

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