

# EH 52,5 F-C DS/ABS BK9005 - Upper housing part



2201828

<https://www.phoenixcontact.com/us/products/2201828>

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DIN rail housing, Upper housing part, flat design, connection opening on both sides, connection opening on both sides, width: 52.6 mm, height: 74.65 mm, depth: 36.95 mm, color: black (similar RAL 9005)

## Your advantages

- DIN rail or panel mounting for application-specific device attachment
- Easy design-in, thanks to variable housing form factor
- Complete flexibility, thanks to PCBs with horizontal, frontal, and orthogonal orientation to the front of the device
- Three cover versions for individual PCB connections
- Integration of a wide variety of PCB connection technologies for a functional device design

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2201828       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AC12          |
| Product key                          | ACHCHC        |
| GTIN                                 | 4046356911801 |
| Weight per piece (including packing) | 20.16 g       |
| Weight per piece (excluding packing) | 20.18 g       |
| Customs tariff number                | 84879090      |
| Country of origin                    | IN            |

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## Technical data

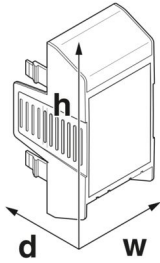
### Notes

|               |   |
|---------------|---|
| Assembly note | Please observe the application note in the download area. |
|---------------|---|

### Product properties

|                              |                    |
|------------------------------|--------------------|
| Product type                 | Upper housing part |
| Housing type                 | DIN rail housing   |
| Housing type                 | Basic housing      |
| Housing series               | EH                 |
| Product family               | EH..F..ABS..       |
| Number (Connection openings) | 2                  |
| Ventilation openings present | no                 |

### Dimensions

|                                 |   |
|---------------------------------|---|
| Dimensional drawing             |  |
| Width                           | 52.6 mm   |
| Height                          | 74.65 mm  |
| Depth                           | 36.95 mm  |
| Depth from base support surface | 19.95 mm  |

### Material specifications

|  |                  |
|--|------------------|
| Color (Upper housing part)             | black (RAL 9005) |
| Material Upper housing part            | ABS              |
| Flammability rating according to UL 94 | HB               |
| Surface characteristics                | untreated        |

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Max. IP code to attain                  | IP20  |
| Ambient temperature (operation)         | -40 °C ... 80 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C                                  |
| Ambient temperature (assembly)          | -5 °C ... 80 °C                                   |
| Relative humidity (storage/transport)   | 95 %  |

### PCB data

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|                   |          |
|-------------------|----------|
| Type of PCB mount | Latching |
|-------------------|----------|

## Mounting

|               |         |
|---------------|---------|
| Mounting type | Snap in |
|---------------|---------|

## Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2201828>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190603 |
| ECLASS-15.0 | 27190603 |

### ETIM

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

### UNSPSC

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

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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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