

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



1074755

<https://www.phoenixcontact.com/gb/products/1074755>

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DIN rail housing, Upper housing part, flat design, 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                          | 1074755       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | ACHCHC        |
| Product key                          | ACHCHC        |
| GTIN                                 | 4055626776040 |
| Weight per piece (including packing) | 48.9 g        |
| Weight per piece (excluding packing) | 46.15 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 series               | EH                                                                |
| Product family               | EH..F..ABS-PC..                                                   |
| Type                         | Upper housing part, flat design, connection opening on both sides |
| 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 (Housing)                        | black (RAL 9005) |
| Flammability rating according to UL 94 | V0               |
| Housing material                       | ABS-PC           |
| 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 | Slot |
|-------------------|------|

## 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/gb/products/1074755>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 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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