

EH 70 F-C DS/ABS BK9005 - Upper housing part



2201831

<https://www.phoenixcontact.com/us/products/2201831>

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DIN rail housing, Upper housing part, flat design, connection opening on both sides, connection opening on both sides, width: 70.1 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 | 2201831 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AC12 |
| Product key | ACHCHC |
| GTIN | 4046356911832 |
| Weight per piece (including packing) | 25.15 g |
| Weight per piece (excluding packing) | 27.67 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 | 70.1 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 |

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

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

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Mounting

Mounting type

Snap in

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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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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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