

# EH 90 F-C DS/ABS GY7035 - Upper housing part



2201778

<https://www.phoenixcontact.com/us/products/2201778>

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DIN rail housing, Upper housing part, flat design, connection opening on both sides, connection opening on both sides, width: 90.1 mm, height: 74.65 mm, depth: 36.95 mm, color: light gray (similar RAL 7035)

## 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	2201778
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC12
Product key	ACHCHC
GTIN	4046356911962
Weight per piece (including packing)	30.4 g
Weight per piece (excluding packing)	30 g
Customs tariff number	84879090
Country of origin	IN

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## Technical data

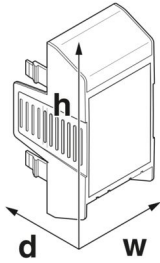
### Notes

Assembly note	Please observe the application note in the download area.
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### 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	90.1 mm
Height	74.65 mm
Depth	36.95 mm
Depth from base support surface	19.95 mm

### Material specifications

Color (Upper housing part)	light gray (RAL 7035)
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
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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