

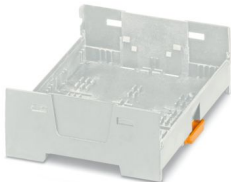
EH 90 F-B/ABS GY7035 - Mounting base housing



2200663

<https://www.phoenixcontact.com/us/products/2200663>

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DIN rail housing, Lower housing part with base latch, flat design, width: 90.1 mm, height: 75 mm, depth: 30.3 mm, color: light grey (similar RAL 7035)

Your advantages

- DIN rail or wall 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	2200663
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC12
Product key	ACHCHB
GTIN	4046356911122
Weight per piece (including packing)	32.48 g
Weight per piece (excluding packing)	32 g
Customs tariff number	84879090
Country of origin	IN

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Technical data

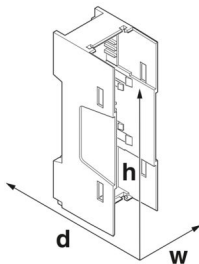
Notes

Assembly note	Refer to the data sheet for the range in the download area.
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Product properties

Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	EH
Product family	EH..F..ABS..
Max. number of positions	0)
Type	Lower housing part with base latch, flat design
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	90.1 mm
Height	75 mm
Depth	30.3 mm
Depth from top edge of DIN rail to support point on upper part	26 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	HB
Housing material	ABS
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)

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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

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	80 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Frequency	10

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.)

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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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
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting/wall mounting (with optional base latch)
Mounting position	Vertical (horizontal DIN rail)

Packaging specifications

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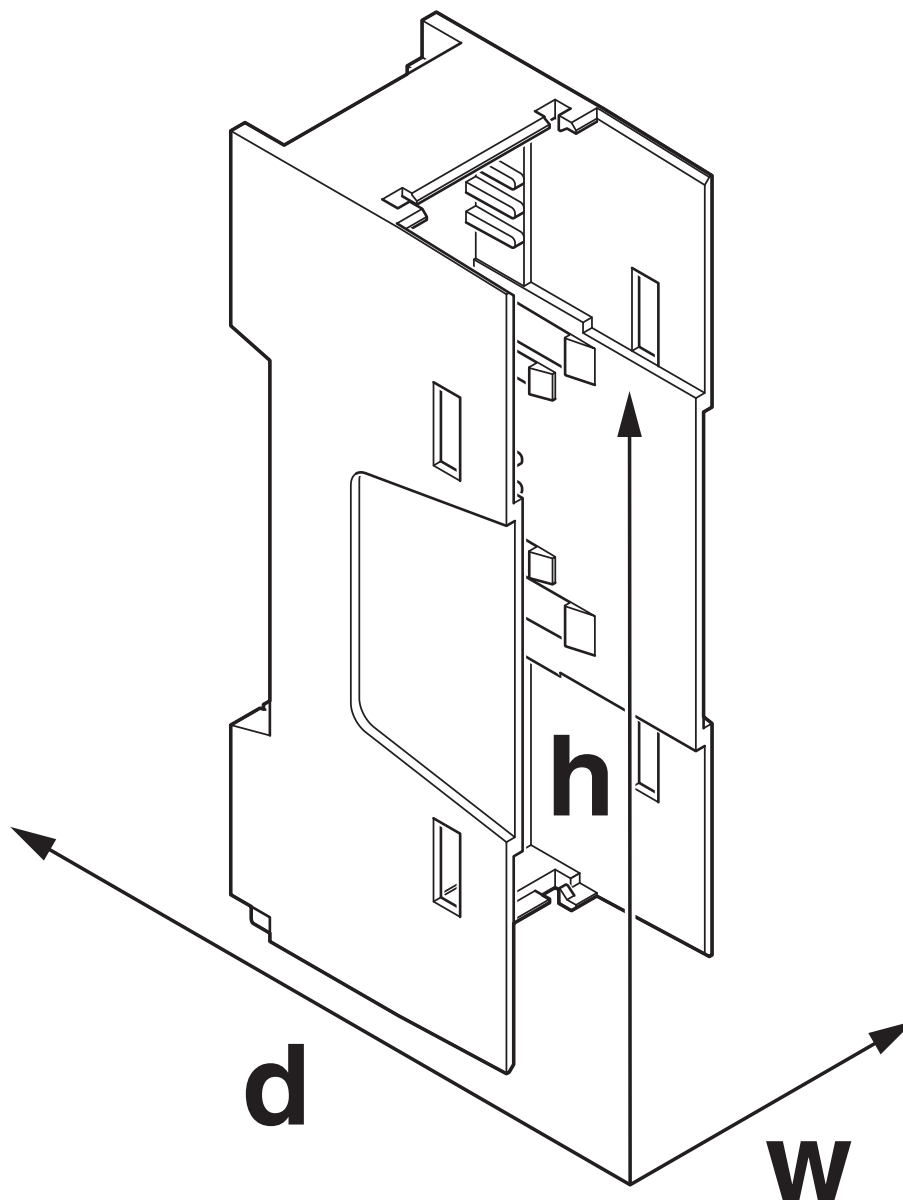
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Type of packaging	packed in cardboard
Outer packaging type	Carton

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/2200663>



UL Recognized

Approval ID: FILE E 240868

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

ETIM

ETIM 9.0	EC001031
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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
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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Mandatory accessories

EH 90 F-C CS/ABS BK9005 - Upper housing part

2201776

<https://www.phoenixcontact.com/us/products/2201776>



DIN rail housing, Upper housing part, flat design, no connection opening, width: 90.1 mm, height: 74.65 mm, depth: 36.95 mm, color: black (similar RAL 9005)

EH 90 F-C CS/ABS GY7035 - Upper housing part

2201777

<https://www.phoenixcontact.com/us/products/2201777>



DIN rail housing, Upper housing part, flat design, no connection opening, width: 90.1 mm, height: 74.65 mm, depth: 36.95 mm, color: light grey (similar RAL 7035)

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EH 90 F-C DS/ABS BK9005 - Upper housing part

2201779

<https://www.phoenixcontact.com/us/products/2201779>



DIN rail housing, Upper housing part, flat design, connection opening on both sides, width: 90.1 mm, height: 74.65 mm, depth: 36.95 mm, color: black (similar RAL 9005)

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

2201778

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



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

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EH 90 F-C SS/ABS BK9005 - Upper housing part

2201388

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DIN rail housing, Upper housing part, flat design, connection opening on one side, connection opening on one side, width: 90.1 mm, height: 74.65 mm, depth: 36.95 mm, color: black (similar RAL 9005)

EH 90 F-C SS/ABS GY7035 - Upper housing part

2201282

<https://www.phoenixcontact.com/us/products/2201282>



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

Accessories

EH 90 F-B/ABS GY7035 - Mounting base housing



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EH SNAPLOCK SET WALL MOUNT OG - Base latch

2202007

<https://www.phoenixcontact.com/us/products/2202007>

DIN rail housing, Base latch for wall mounting, width: 28.8 mm, height: 18.7 mm, depth: 4.15 mm, color: orange (similar RAL 2003)



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