EH 45-B/ABS GN - Mounting base housing

2202534

https://www.phoenixcontact.com/in/products/2202534

PHŒNIX CONTACT

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DIN rail housing, Lower housing part with base latch, tall design, with vents, width: 45.1 mm, height: 75 mm, depth: 87.3 mm, color: green (similar RAL 6021), cross connection: without bus connector, number of positions cross connector: not relevant

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	2202534
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	ACH
Product key	ACHCHA
GTIN	4055626140780
Weight per piece (including packing)	55 g
Weight per piece (excluding packing)	55 g
Customs tariff number	85369010
Country of origin	IN

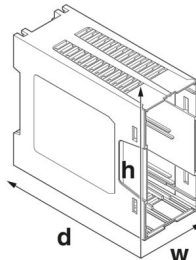# EH 45-B/ABS GN - Mounting base housing

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Technical data

Notes

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

Product properties

Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	EH
Product family	EH..ABS..
Type	Lower housing parts with vents, housing cover necessary to complete the module
Max. number of positions	0)
Type	Lower housing part with base latch, tall design
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	45.1 mm
Height	75 mm
Depth	87.3 mm
Depth from top edge of DIN rail to support point on upper part	83 mm

PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Housing)	green (RAL 6021)
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)
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

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

Number of PCB holders	4
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting/panel mounting (with optional base latch)

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Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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Drawings

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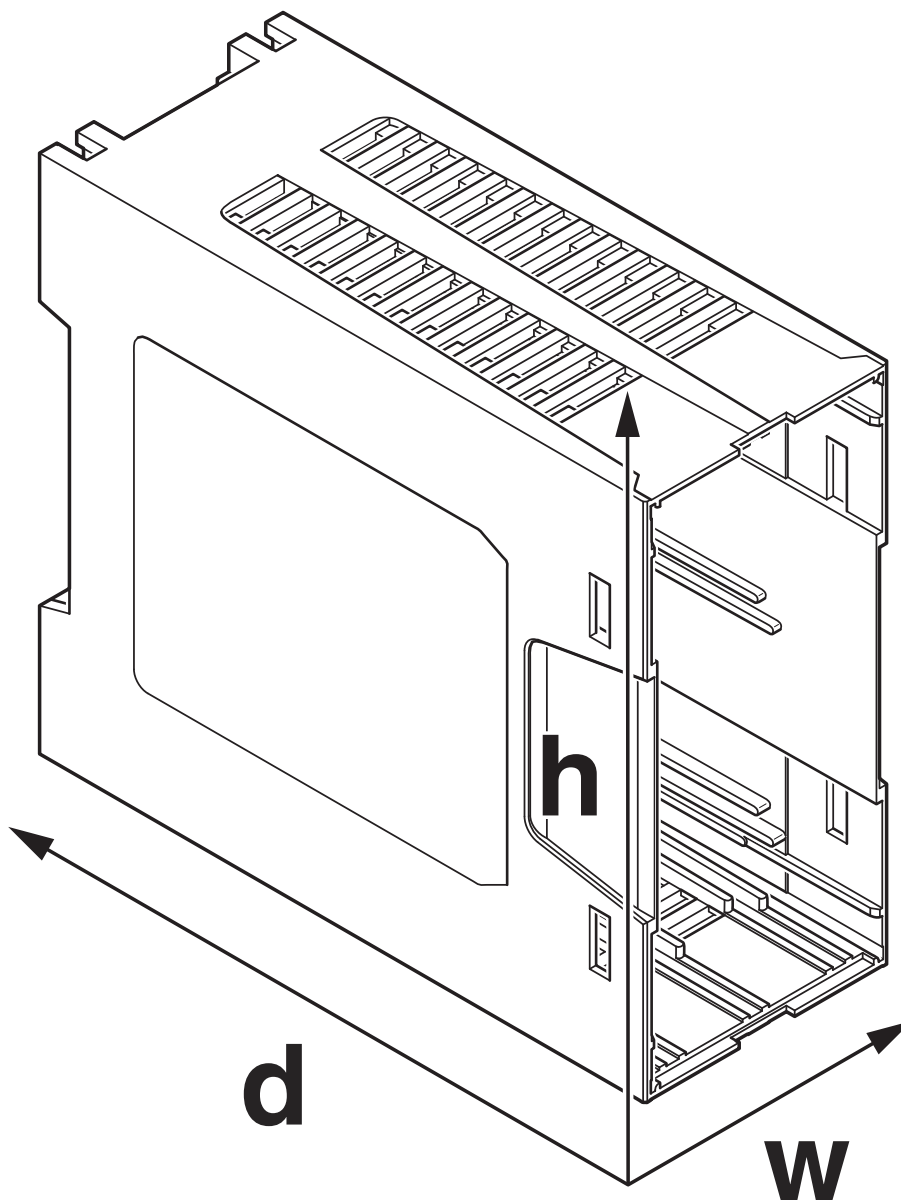
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/in/products/2202534

UL Recognized
Approval ID: E240868

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

ETIM

ETIM 9.0	EC002779

UNSPSC

UNSPSC 21.0	31261500

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 45-C CS/ABS BK9005 - Upper housing part

2201514

https://www.phoenixcontact.com/in/products/2201514

DIN rail housing, Upper housing part, tall design, no connection opening, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: black (similar RAL 9005)

EH 45-C CS/ABS GY7035 - Upper housing part

2201513

https://www.phoenixcontact.com/in/products/2201513

DIN rail housing, Upper housing part, tall design, no connection opening, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: light gray (similar RAL 7035)

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EH 45-C DS/ABS BK9005 - Upper housing part

2201511

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DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: black (similar RAL 9005)

EH 45-C DS/ABS GY7035 - Upper housing part

2201512

https://www.phoenixcontact.com/in/products/2201512

DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: light gray (similar RAL 7035)

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EH 45-C SS/ABS BK9005 - Upper housing part

2201510

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DIN rail housing, Upper housing part, tall design, connection opening on one side, connection opening on one side, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: black (similar RAL 9005)

EH 45-C SS/ABS GY7035 - Upper housing part

2201509

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DIN rail housing, Upper housing part, tall design, connection opening on one side, connection opening on one side, width: 45.1 mm, height: 75.26 mm, depth: 36.95 mm, color: light gray (similar RAL 7035)

Accessories

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EH SNAPLOCK SET WALL MOUNT OG - Base latch

2202007

https://www.phoenixcontact.com/in/products/2202007

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

EML (44X53)R-ME - Label for ME ... F-UT ... housing

0828156

https://www.phoenixcontact.com/in/products/0828156

Label for ME ... F-UT ... housing, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, Number of individual labels: 200, text field height: 53 mm, text field width: 44 mm

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