PHŒNIX CONTACT

Mounting base housing - EH 35-B/ABS-PC BK9005 - 1069975

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DIN rail housing, Lower housing part with base latch, tall design, with vents, width: 35.1 mm, height: 75 mm, depth: 87.3 mm, color: black (9005)

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

RoHS

IP20

Key Commercial Data

Packing unit	1
GTIN	4 055626 748313
GTIN	4055626748313
Custom tariff number	85389099

Technical data

Item properties

Brief article description	Mounting base housing
Type	EH 35-B/ABS-PC BK9005
Order No.	1069975
Housing type	DIN rail housing
Housing series	EH
Type	Lower housing part with base latch, tall design
Max. IP code to attain	IP20

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Technical data

Item properties

Mounting type	DIN rail mounting/wall mounting (with optional base latch)
Ventilation openings present	yes

Dimensions

Width [w]	35.1 mm
Height [h]	75 mm
Depth [d]	87.3 mm
Depth from top edge of DIN rail to support point on upper part [d]	83 mm

Material data

Color (RAL)	black (9005)
Flammability rating according to UL 94	V0
Housing material	ABS-PC

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 80 °C
Ambient temperature (operation)	-40 °C ... 80 °C (depending on power dissipation)

PCB data

Number of PCB holders	4
PCB thickness	1.4 mm ... 1.8 mm
Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

Mechanical strength/tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Number of drop cycles	10

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 - 58.1 Hz)
Acceleration	2g (58.1 - 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Shock

Specification	IEC 60068-2-27:2008-02

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Technical data

Shock

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.)

Thermostability (Ball Thrust Test)

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

Test for assessing the risk of fire (glow wire)

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Degrees of protection provided by housings (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

Packaging information

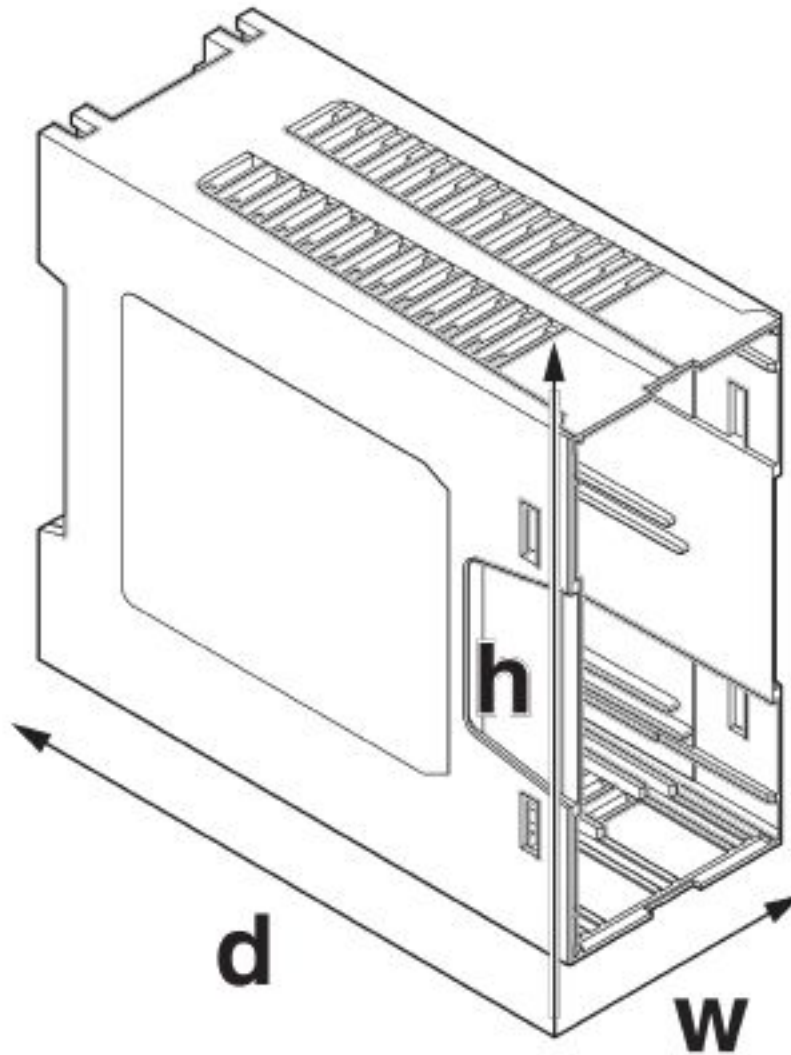| Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Carton

Standards and regulations

Flammability rating according to UL 94	V0

Drawings

Mounting base housing - EH 35-B/ABS-PC BK9005 - 1069975

Dimensional drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702

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Classifications

eCl@ss

eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Accessories

Accessories

Mounting material

Base latch - EH SNAPLOCK SET WALL MOUNT OG - 2202007

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