

Mounting base housing - EH 52,5 F-B/ABS BK9005 - 2201817

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DIN rail housing, Lower housing part with base latch, flat design, width: 52.6 mm, height: 75 mm, Depth: 30.3 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



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 911733
GTIN	4046356911733
Weight per Piece (excluding packing)	21.220 g
Custom tariff number	85472000
Country of origin	India

Technical data

Item properties

Brief article description	Mounting base housing
Type	EH 52,5 F-B/ABS BK9005
Order No.	2201817
Housing type	DIN rail housing
Housing series	EH
Type	Lower housing part with base latch, flat 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	no

Dimensions

Width [w]	52.6 mm
Height [h]	75 mm
Depth [d]	30.3 mm
Depth from top edge of DIN rail to support point on upper part [d]	26 mm

Material data

Color (RAL)	black (9005)
Flammability rating according to UL 94	HB
Housing material	ABS

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

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
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.)

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Technical data

Thermostability (Ball Thrust Test)

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

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

Pieces per package	10
Denomination packing units	Pcs.

Standards and regulations

Flammability rating according to UL 94	HB
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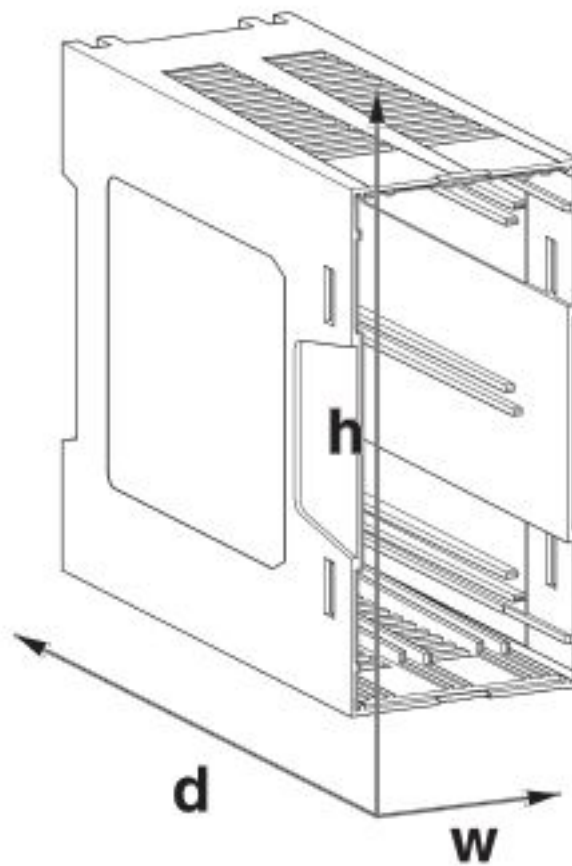
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Mounting base housing - EH 52,5 F-B/ABS BK9005 - 2201817

Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 4.0	EC001031
ETIM 5.0	EC001031

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Classifications

ETIM

ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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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)



Necessary add-on products

Mounting base housing - EH 52,5 F-B/ABS BK9005 - 2201817

Accessories

Upper part of housing - EH 52,5 F-C CS/ABS BK9005 - 2201834



DIN rail housing, Upper part, Without connection opening, with vents, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

Upper part of housing - EH 52,5 F-C CS/ABS GY7035 - 2201835



DIN rail housing, Upper part, Without connection opening, with vents, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

Upper part of housing - EH 52,5 F-C DS/ABS BK9005 - 2201828



DIN rail housing, Upper part, connection opening on both sides, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

Upper part of housing - EH 52,5 F-C DS/ABS GY7035 - 2201829



DIN rail housing, Upper part, connection opening on both sides, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

Upper part of housing - EH 52,5 F-C SS/ABS BK9005 - 2201823



DIN rail housing, Upper part, One-way connection opening, with vents, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

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Accessories

Upper part of housing - EH 52,5 F-C SS/ABS GY7035 - 2201822



DIN rail housing, Upper part, One-way connection opening, with vents, width: 52.6 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

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