

## Mounting base housing - EH 70 F-B/ABS BK9005 - 2201818

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DIN rail housing, Lower housing part with base latch, flat design, width: 70.1 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 911726
GTIN	4046356911726
Weight per Piece (excluding packing)	26.300 g
Custom tariff number	85472000
Country of origin	India

### Technical data

#### Item properties

Brief article description	Mounting base housing
Type	EH 70 F-B/ABS BK9005
Order No.	2201818
Housing type	DIN rail housing
Housing series	EH
Type	Lower housing part with base latch, flat design
Max. IP code to attain	IP20

# Mounting base housing - EH 70 F-B/ABS BK9005 - 2201818

## Technical data

### Item properties

Mounting type	DIN rail mounting/wall mounting (with optional base latch)
Ventilation openings present	no

### Dimensions

Width [ w ]	70.1 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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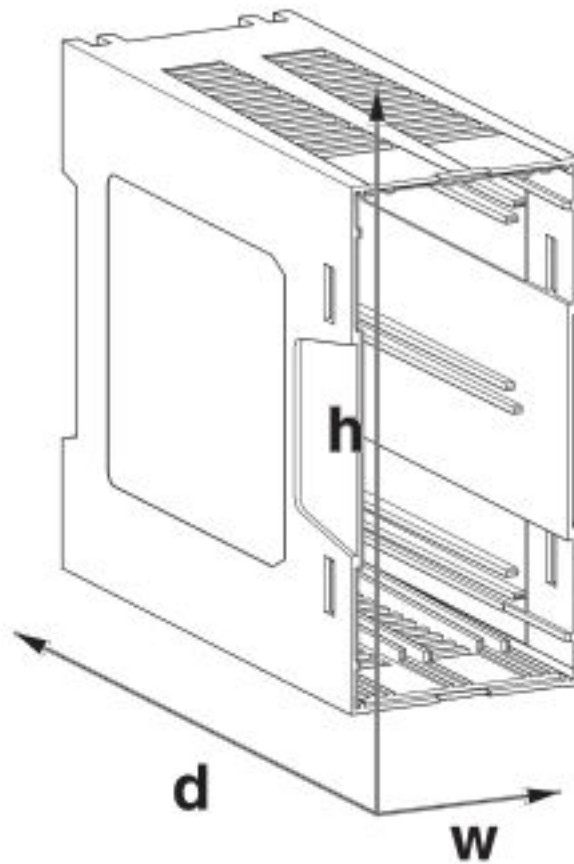
#### Environmental Product Compliance

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

### Drawings

# Mounting base housing - EH 70 F-B/ABS BK9005 - 2201818

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

## 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)



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## Necessary add-on products

Upper part of housing - EH 70 F-C CS/ABS BK9005 - 2201837



DIN rail housing, Upper part, Without connection opening, with vents, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

Upper part of housing - EH 70 F-C CS/ABS GY7035 - 2201836



DIN rail housing, Upper part, Without connection opening, with vents, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

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### Accessories

Upper part of housing - EH 70 F-C DS/ABS BK9005 - 2201831



DIN rail housing, Upper part, connection opening on both sides, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

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Upper part of housing - EH 70 F-C DS/ABS GY7035 - 2201830



DIN rail housing, Upper part, connection opening on both sides, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

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Upper part of housing - EH 70 F-C SS/ABS BK9005 - 2201824



DIN rail housing, Upper part, One-way connection opening, with vents, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: black (9005)

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Upper part of housing - EH 70 F-C SS/ABS GY7035 - 2201825



DIN rail housing, Upper part, One-way connection opening, with vents, width: 70.1 mm, height: 74.65 mm, Depth: 36.95 mm, color: light gray (7035)

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