

## Mounting base housing - EH 70-B/ABS-PC GY7035 - 1071110

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




DIN rail housing, Lower housing part with base latch, tall design, with vents, width: 70.1 mm, color: light gray (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



### Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4055626751245

### Technical data

#### Item properties

Brief article description	Mounting base housing
Type	EH 70-B/ABS-PC GY7035
Order No.	1071110
Housing type	DIN rail housing
Housing series	EH
Type	Lower housing part with base latch, tall design
Max. IP code to attain	IP20
Mounting type	DIN rail mounting/wall mounting (with optional base latch)
Ventilation openings present	yes

#### Dimensions

Width [ w ]	70.1 mm
-------------	---------

# Mounting base housing - EH 70-B/ABS-PC GY7035 - 1071110

## Technical data

### Dimensions

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)	light gray (7035)
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	7
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.)

### Thermostability (Ball Thrust Test)

Specification	IEC 60695-10-2:2014-02
Temperature	80 °C

## Mounting base housing - EH 70-B/ABS-PC GY7035 - 1071110

### Technical data

#### Thermostability (Ball Thrust Test)

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

Pieces per package	10
Denomination packing units	Pcs.

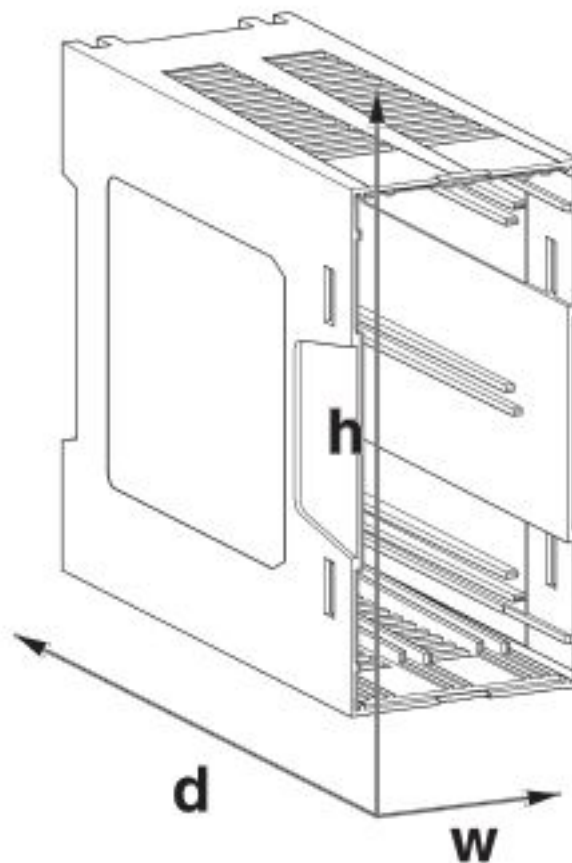
#### Standards and regulations

Flammability rating according to UL 94	V0
--	----

### Drawings

## Mounting base housing - EH 70-B/ABS-PC GY7035 - 1071110

Dimensional drawing



Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>