

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

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DIN rail housing, Upper part, flat design, connection opening on both sides, width: 52.6 mm, height: 74.65 mm, depth: 36.95 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	 4 046356 911818
GTIN	4046356911818

### Technical data

#### Item properties

Brief article description	Upper part of housing
Type	EH 52,5 F-C DS/ABS GY7035
Order No.	2201829
Housing type	DIN rail housing
Housing series	EH
Type	Upper part, flat design
Max. IP code to attain	IP20
Mounting type	Snap in
Ventilation openings present	no

#### Dimensions

Width [ w ]	52.6 mm
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### Technical data

#### Dimensions

Height [ h ]	74.65 mm
Depth [ d ]	36.95 mm
Depth from base support surface [d]	19.95 mm

#### Material data

Housing material	ABS
Color (RAL)	light gray (7035)
Flammability rating according to UL 94	HB

#### 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

Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

#### 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

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Dimensional drawing



### Classifications

eCl@ss

eCl@ss 10.0.1	27182702
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
ETIM 6.0	EC001031
ETIM 7.0	EC001031

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### Classifications

#### 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

##### Filler plug

##### Filler plugs - EH 17,5 F-FP/ABS BK9005 - 2201846



DIN rail housing, Filler plug for unoccupied terminal points, with vents, width: 16.3 mm, height: 13.67 mm, depth: 33.39 mm, color: black (9005)

##### Filler plugs - EH 17,5 F-FP/ABS GY7035 - 2201847



DIN rail housing, Filler plug for unoccupied terminal points, with vents, width: 16.3 mm, height: 13.67 mm, depth: 33.39 mm, color: light gray (7035)

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### Accessories

#### Necessary add-on products

##### PCB terminal block - MKDS 3/ 9-5,08 - 1707331



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5.08 mm, number of positions: 9, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

##### Feed-through header - MSTBV 2,5/ 9-G - 1753576



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 9, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm

##### Feed-through header - MSTBV 2,5/ 9-G-5,08 - 1758089



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm

##### Pin strip - PST 1,3/ 9-5,0 - 1933257



Pin strip, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 9, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

##### Printed-circuit board connector - MCV 1,5/12-G-3,81 - 1803523



PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 12, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm

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