

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

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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)

### 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                                 | <br>4 046356 911818 |
| GTIN                                 | 4046356911818                                                                                           |
| Weight per Piece (excluding packing) | 20.530 g                                                                                                |
| Custom tariff number                 | 85472000                                                                                                |
| Country of origin                    | India                                                                                                   |

### 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                |
| Max. IP code to attain    | IP20                      |

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### Technical data

#### Item properties

|                              |         |
|------------------------------|---------|
| Mounting type                | Snap in |
| Ventilation openings present | no      |

#### Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width [ w ]                         | 52.6 mm  |
| Height [ h ]                        | 74.65 mm |
| Depth [ d ]                         | 36.95 mm |
| Depth from base support surface [d] | 19.95 mm |

#### Material data

|                                        |                   |
|----------------------------------------|-------------------|
| Color (RAL)                            | light gray (7035) |
| 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

|                   |                                |
|-------------------|--------------------------------|
| 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 |
|----------------------------------------|----|

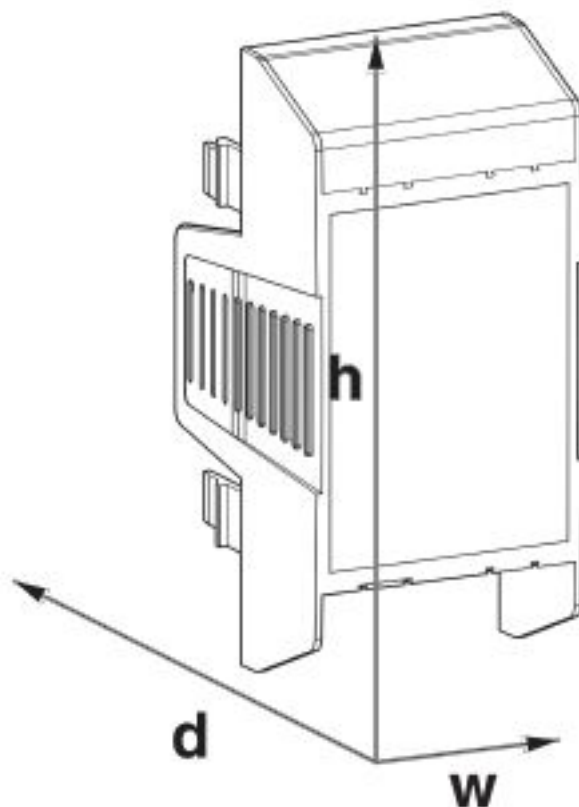
#### Environmental Product Compliance

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

### Drawings

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

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 |
|-----|-------------------------------------------------------------------------------------|---------|

### 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)

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### Accessories

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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### 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!

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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

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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

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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.

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### Accessories

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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