

## Upper part of housing - EH 35-C SS/ABS BK9005 - 2201745

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DIN rail housing, Upper part, tall design, connection opening on one side, width: 35.1 mm, height: 75 mm, depth: 36.95 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   |
| GTIN         | <br>4 046356 908283 |
| GTIN         | 4046356908283   |

### Technical data

#### Item properties

|                              |                         |
|------------------------------|-------------------------|
| Brief article description    | Upper part of housing   |
| Type                         | EH 35-C SS/ABS BK9005   |
| Order No.                    | 2201745                 |
| Housing type                 | DIN rail housing        |
| Housing series               | EH                      |
| Type                         | Upper part, tall design |
| Max. IP code to attain       | IP20                    |
| Mounting type                | Snap in                 |
| Ventilation openings present | no                      |

#### Dimensions

|             |         |
|-------------|---------|
| Width [ w ] | 35.1 mm |
|-------------|---------|

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### Technical data

#### Dimensions

|                                     |          |
|-------------------------------------|----------|
| Height [ h ]                        | 75 mm    |
| Depth [ d ]                         | 36.95 mm |
| Depth from base support surface [d] | 19.95 mm |

#### Material data

|  |              |
|--|--------------|
| Housing material                       | ABS          |
| Color (RAL)                            | black (9005) |
| 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 |
|--|----|

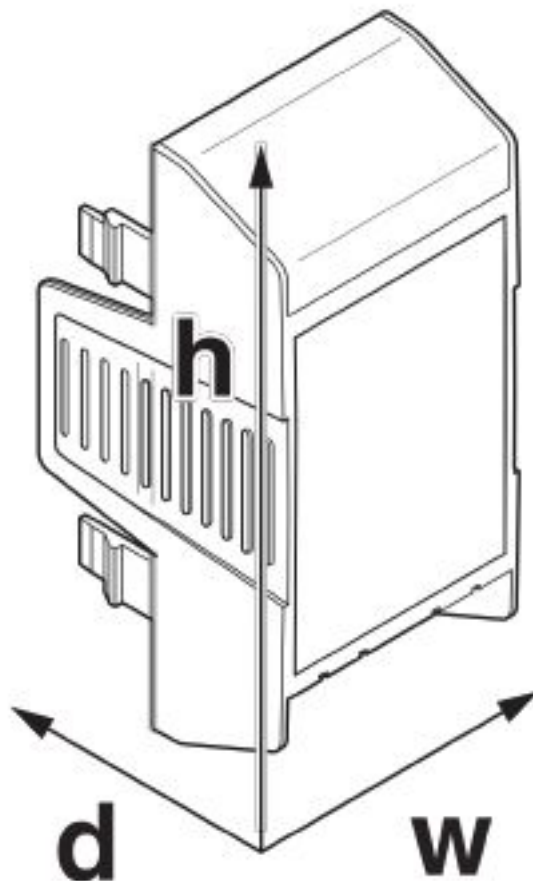
#### Environmental Product Compliance

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

### Drawings

# Upper part of housing - EH 35-C SS/ABS BK9005 - 2201745

Dimensional drawing



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| eCl@ss 4.0    | 27180401 |
| eCl@ss 4.1    | 27180401 |
| 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 3.0 | EC001031 |
| ETIM 4.0 | EC001031 |
| ETIM 5.0 | EC001031 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |
| UNSPSC 18.0   | 31261501 |
| UNSPSC 19.0   | 31261501 |
| UNSPSC 20.0   | 31261501 |
| UNSPSC 21.0   | 31261501 |

## Accessories

### Accessories

#### Filler plug

Filler plugs - EH 17,5-FP/ABS BK9005 - 2201841



DIN rail housing, Filler plug for unoccupied terminal points, width: 16.3 mm, height: 13.67 mm, depth: 19.65 mm, color: black (9005)

Filler plugs - EH 17,5-FP/ABS GY7035 - 2201840



DIN rail housing, Filler plug for unoccupied terminal points, width: 16.3 mm, height: 13.67 mm, depth: 19.65 mm, color: light gray (7035)

## Necessary add-on products

PCB terminal block - MKDS 3/ 6-5,08 - 1701144



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: 6, 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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### Accessories

#### PCB terminal block base - MKKDSH 3/ 2 - 1721045



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, number of positions: 2, 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/ 6-G - 1753518



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 6, 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/ 6-G-5,08 - 1758050



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 6, 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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#### Feed-through header - MSTBO 2,5/ 6-GL-5,08 - 1850479



PCB headers, nominal current: 8 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

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#### Feed-through header - MSTBO 2,5/ 6-GR-5,08 - 1847149



PCB headers, nominal current: 8 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

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