

## Electronic housing - ME 35 UT BUS/10 GN - 2853640

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Housing base, 10-position integrated cross connector for parallel through contacting

### Product Features

- 2 optional serial contacts (daisy chain)
- Gold contacts for data transmission and power supply (125 V, 8 A)
- Can be snapped onto standard NS 35/7,5 and NS 35/15 DIN rails
- Supply via standard MINI COMBICON plug



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 76.74 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Germany   |

### Technical data

#### General

|                  |                   |
|------------------|-------------------|
| Housing type     | Component housing |
| Housing material | Polyamide         |
| Color            | green             |

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 105 °C |
|---------------------------------|-------------------|

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 99 mm    |
| Constructional height | 114.5 mm |
| Width                 | 35 mm    |

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### Technical data

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|   |              |
|---|--------------|
| Connection in acc. with standard                              | CUL          |
| Nominal voltage $U_N$   | 300 V        |
| Nominal current $I_N$   | 8 A          |
| Indicator1  | CUL1         |
| Inflammability class according to UL 94                       | V0           |
| Power dissipation at 20°C in the horizontal mounting position | 7.9 W 16.3 W |
| Number of positions   | 24           |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27180401 |
| eCl@ss 4.1 | 27180401 |
| eCl@ss 5.0 | 27180506 |
| eCl@ss 5.1 | 27180506 |
| eCl@ss 6.0 | 27180802 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27182702 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC001031 |
| ETIM 5.0 | EC001031 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

cUL Recognized

|                                | B     | D     |
|--------------------------------|-------|-------|
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

cULus Recognized

## Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



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### Accessories

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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### Filler plug

Electronic housing - ME B-KA - 2854173



Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS terminal opening, (male side)

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Electronic housing - ME B-17,5 MSTBO GN - 2906869



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-17,5 MKDSO GN - 2906885



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-SA/NS 35 - 2935959

Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS male side, (female side)



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### Accessories

Electronic housing - ME B-17,5 MKDSO GN - 2906885



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-17,5 MSTBO GN - 2906869



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-SA/NS 35 - 2935959

Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS male side, (female side)



Electronic housing - ME B-KA - 2854173



Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS terminal opening, (male side)

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### Mounting material

Components of electronic housing - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

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## Electronic housing - ME 35 UT BUS/10 GN - 2853640

### Accessories

Electronic housing - ME DH27 NS 35 - 2908760

Spacers, for protection of the input or output contacts for DIN rail NS 35, width [B] 27 mm



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### PCB plug

Printed-circuit board connector - FKCT 2,5/ 3-ST - 1909223

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



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### Printed circuit board housing

Base strip - MSTBO 2,5/ 3-G1R - 1861031



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Assembly: Soldering, Article with lateral pin exit

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Printed-circuit board connector - MCVR 1,5/10-ST-3,81 AU - 1893216



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Gold

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### Required add-on products

## Electronic housing - ME 35 UT BUS/10 GN - 2853640

### Accessories

Electronic housing - ME 17,5 OT-MSTBO GN - 2906827



Upper part of housing, for COMBICON connection, double-level

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Electronic housing - ME 17,5 OT-MKDSO GN - 2906843



Housing upper part, for printed circuit terminal block connection

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Electronic housing - ME 17,5 OT-MSTBO SET - 2907431



Housing upper part, complete with COMBICON headers and screw connectors for full mounting of components. 12-pos., housing width: 17.5 mm

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Electronic housing - ME 17,5 OT-MKDSO SET - 2907460



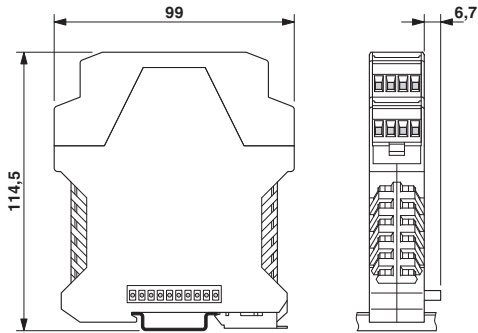
Housing upper part, complete with PCB termination blocks for full equipping. 12-pos., housing width: 17.5 mm

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### Drawings

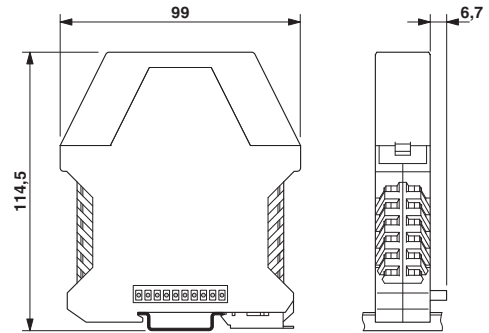
# Electronic housing - ME 35 UT BUS/10 GN - 2853640

Dimensioned drawing



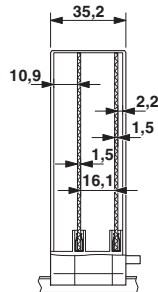
Dimensions of the electronics housing ME.../BUS 5 and ME.../BUS 10 with double-level upper part

Dimensioned drawing



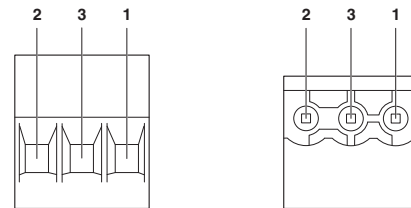
Dimensions of the electronics housing ME.../BUS 5 and ME.../BUS 10 with triple-level upper part

Dimensioned drawing



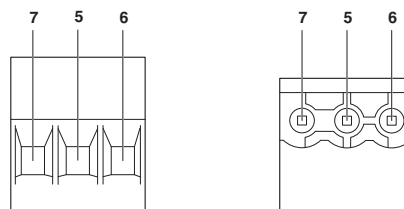
Internal housing dimensions, electronics housing ME 35 BUS...

Schematic diagram



Pin assignment left

Schematic diagram

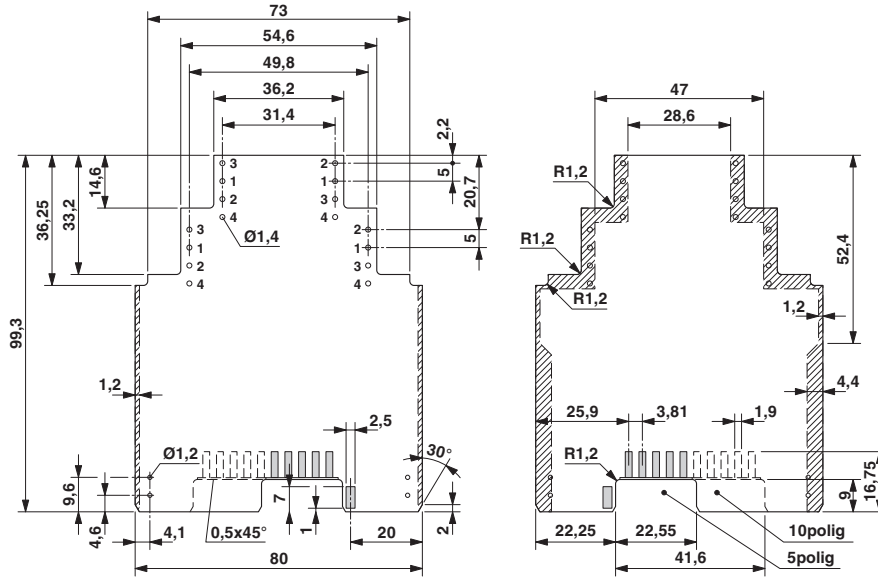


Pin assignment right



# Electronic housing - ME 35 UT BUS/10 GN - 2853640

Dimensioned drawing



Dimensional drawing of the ME.../BUS5 and ME.../BUS10 printed circuit board if the double-level upper part is used