



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Electronic housing - ME 45 UT BUS/10 GN - 2853682

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

### Product Features

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



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	81.77 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
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#### Dimensions

Length	99 mm
Constructional height	114.5 mm
Width	45 mm

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## Technical data

### Technical data

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	8.2 W 16.5 W
Number of positions	32
	8

## 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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# Electronic housing - ME 45 UT BUS/10 GN - 2853682

## Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

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



## Electronic housing - ME 45 UT BUS/10 GN - 2853682

### 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-22,5 MKDSO GN - 2907143



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-22,5 MSTBO GN - 2907156



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 45 UT BUS/10 GN - 2853682

### Accessories

Electronic housing - ME B-22,5 MSTBO GN - 2907156



Filler plugs, for unoccupied terminal points

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Electronic housing - ME B-22,5 MKDSO GN - 2907143



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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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 45 UT BUS/10 GN - 2853682

### 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



Electronic housing - ME DH36 NS 35 - 2909895

Spacers, for protection of the input or output contacts for DIN rail NS 35, width [B] 36 mm



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



Printed-circuit board connector - MCVR 1,5/ 5-ST-3,81 AU - 1893203

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Gold



### Required add-on products

Upper part of housing - ME 45 OT-MSTBO SET - 2909905

Housing upper part, complete with COMBICON headers and screw plugs for full equipping. 32-pos., housing width: 45 mm



## Electronic housing - ME 45 UT BUS/10 GN - 2853682

### Accessories

Electronic housing - ME 45 OT-1MSTBO GN - 2709192



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

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Electronic housing - ME 45 OT-MSTBO GN - 2909743



Upper part of housing, double-level, for COMBICON connection, housing width: 45 mm

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Electronic housing - ME 45 OT-MKDSO SET - 2909345



Housing upper part, complete with PCB termination blocks for full equipping. 32-pos., housing width: 45 mm

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Electronic housing - ME 45 OT-MKDSO GN - 2909390



Housing upper part, for printed circuit terminal block connection

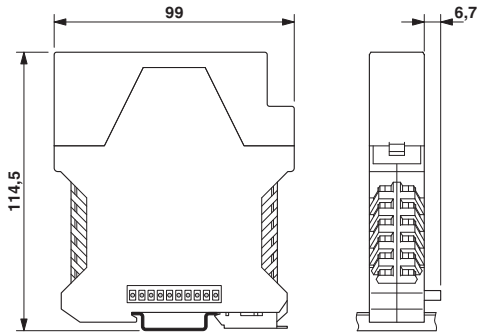
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### Drawings



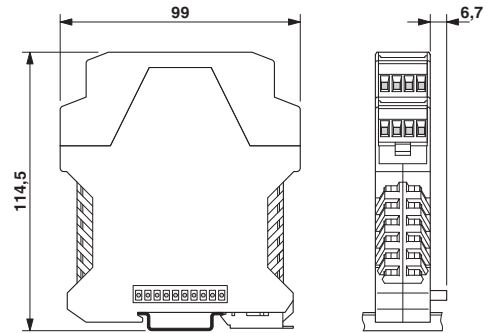
# Electronic housing - ME 45 UT BUS/10 GN - 2853682

Dimensioned drawing



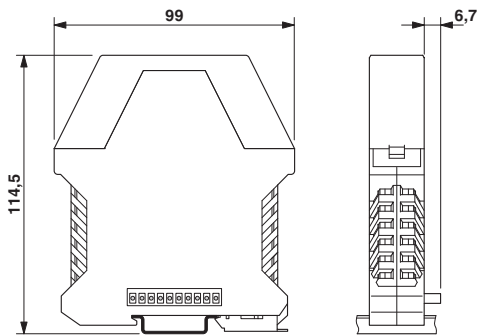
Dimensions of the electronics housing ME.../BUS5 and ME.../BUS10 with single-level upper part

Dimensioned drawing



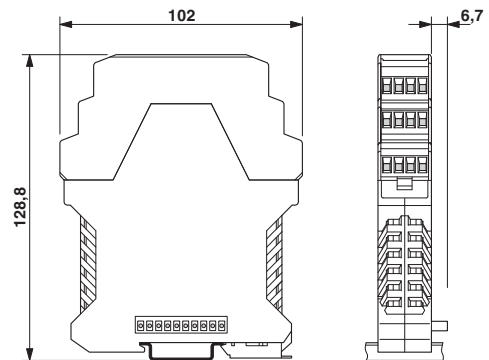
Dimensions of the electronics housing ME.../BUS5 and ME.../BUS10 with double-level upper part

Dimensioned drawing



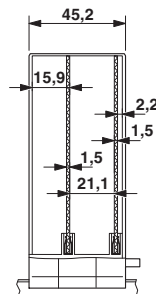
Dimensions of the electronics housing ME.../BUS5 and ME.../BUS10 with triple-level upper part

Dimensioned drawing



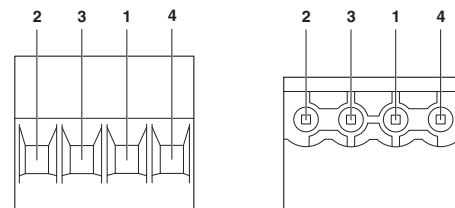
Dimensions of the electronics housing ME.../BUS5 and ME.../BUS10 with triple-level upper part

Dimensioned drawing



Internal housing dimensions, electronics housing ME 45 BUS...

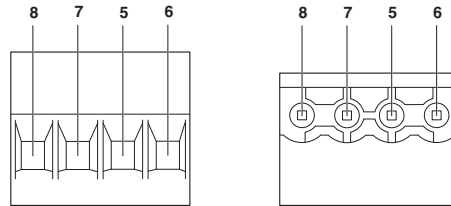
Schematic diagram



Pin assignment right

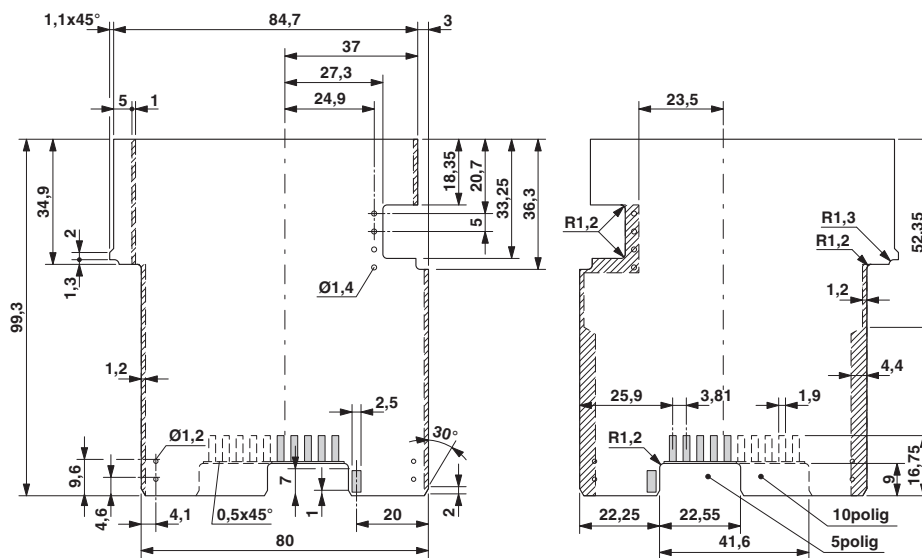
# Electronic housing - ME 45 UT BUS/10 GN - 2853682

Schematic diagram



Pin assignment right

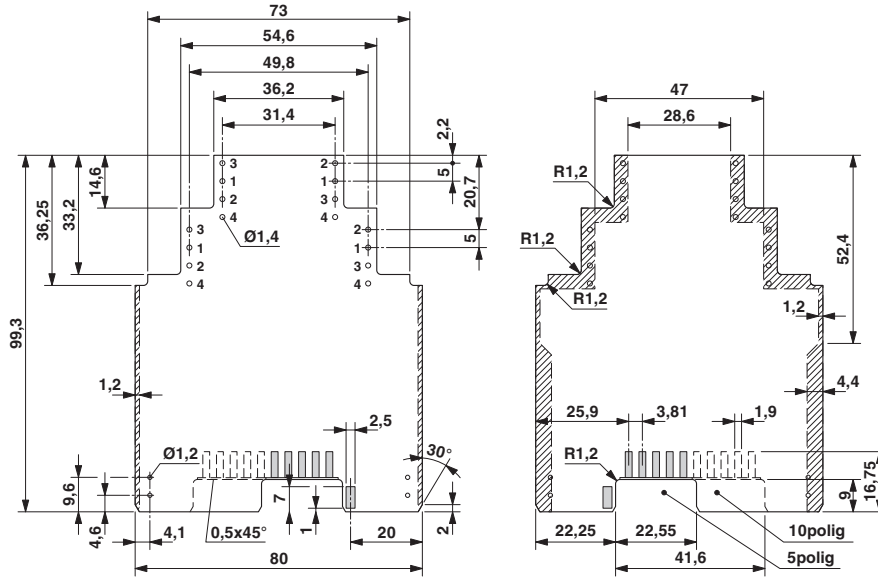
Dimensioned drawing



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

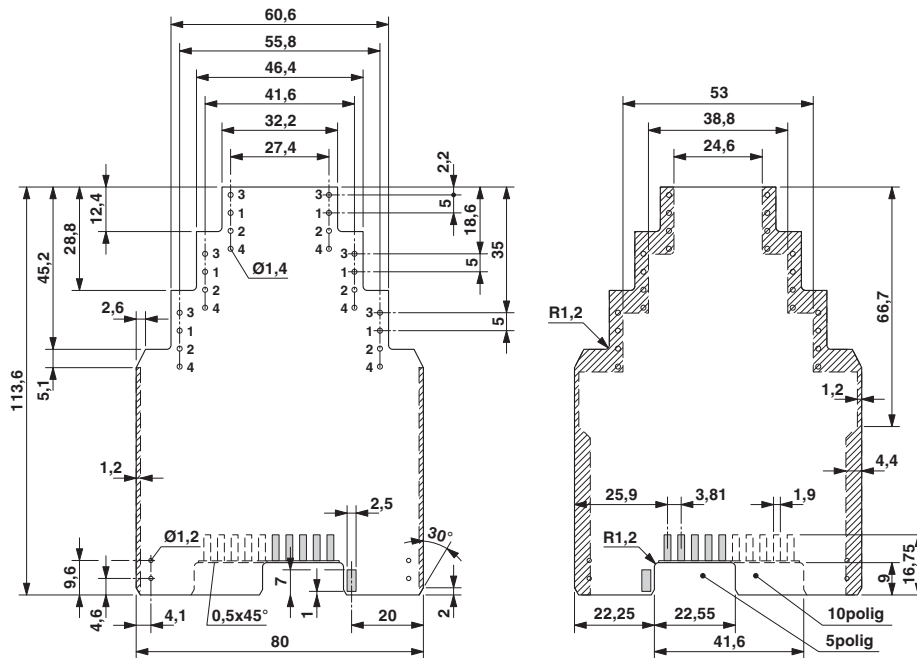
# Electronic housing - ME 45 UT BUS/10 GN - 2853682

Dimensioned drawing



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

Dimensioned drawing



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

