



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 22,5 UT/FE BUS/ 5+2 GN - 2854209

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Housing base, integrated 5-pos. cross connection link for parallel through contacting, and 2-pos. connection link for serial contacting

Product Features

- 2 optional serial contacts (daisy chain)
- Supply via standard MINI COMBICON plug
- 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



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 1 |
| Minimum order quantity | 10 1 |
| Weight per Piece (excluding packing) | 55.74 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 | 22.5 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 | 6.1 W 12.1 W |
| Number of positions | 16 |
| | 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

Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

| | B | D |
|--------------------------------|-------|-------|
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 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



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)

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



Filler plugs, for unoccupied terminal points

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



Filler plugs, for unoccupied terminal points

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 22,5 UT/FE BUS/ 5+2 GN - 2854209

Accessories

Electronic housing - ME B-12,5 3MSTBO GN - 2709176



Filler plugs, for unoccupied terminal points

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



Filler plugs, for unoccupied terminal points

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



Filler plugs, for unoccupied terminal points

Electronic housing - ME B-KA - 2854173



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

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)



Mounting material

Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Accessories

Components of electronic housing - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

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



Electronic housing - ME LPZS - 2906911



PCB stop, for soldering onto PCB

Required add-on products

Electronic housing - ME 22,5 OT-1MSTBO GN - 2709558



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

Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Accessories

Electronic housing - ME 22,5 OT-MSTBO GN - 2907169



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

Electronic housing - ME 22,5 OT-MKDSO GN - 2907172



Housing upper part, for printed circuit terminal block connection

Electronic housing - ME 22,5 OT-MSTBO SET - 2907444



Housing upper part, complete with 4 pairs of COMBICON headers and plugs

Electronic housing - ME 22,5 OT-MKDSO SET - 2907473

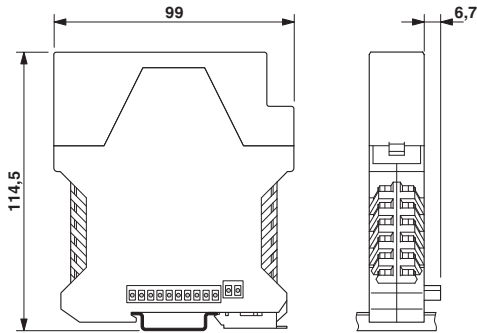


Housing upper part, complete with PCB termination blocks for full equipping. 16-pos., housing width: 22.5 mm

Drawings

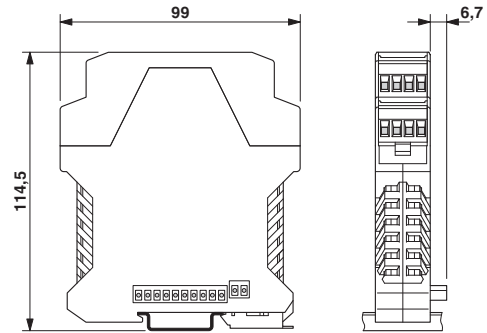
Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Dimensioned drawing



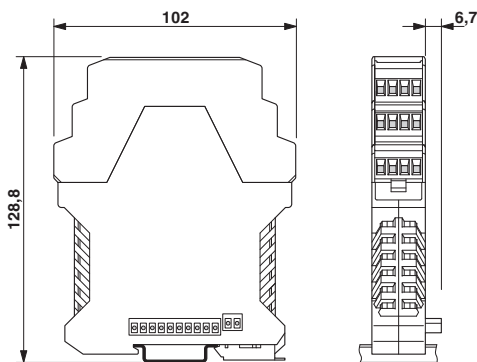
Dimensions of the electronics housing ME.../BUS 5+2 and ME.../BUS 10+2 with single-level upper part

Dimensioned drawing



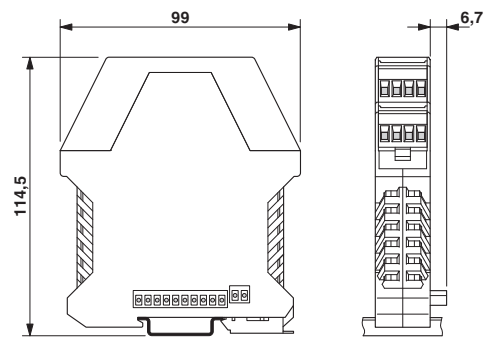
Dimensions of the electronics housing ME.../BUS 5+2 and ME.../BUS 10+2 with double-level upper part

Dimensioned drawing



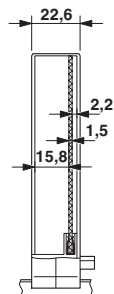
Dimensions of the electronics housing ME.../BUS 5+2 and ME.../BUS 10+2 with triple-level upper part

Dimensioned drawing



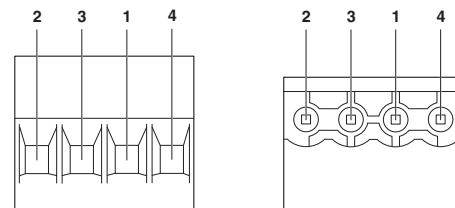
Dimensions of the electronics housing ME.../BUS 5+2 and ME.../BUS 10+2 with double-level upper part

Dimensioned drawing



Inner housing dimensions, electronic housing ME 22.5.../BUS 5+2 and ME 22.5.../BUS 10+2

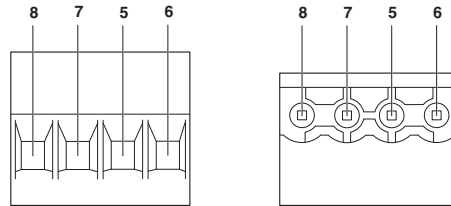
Schematic diagram



Pin assignment left

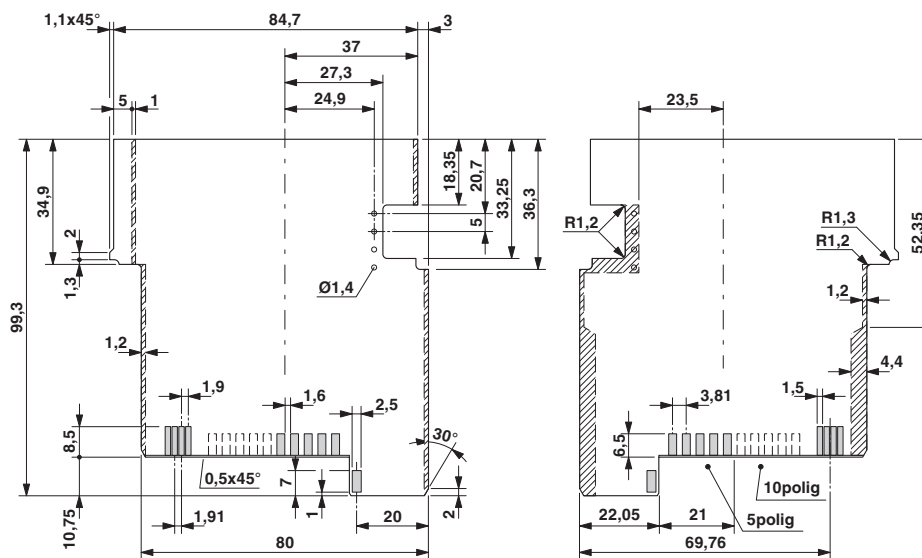
Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Schematic diagram



Pin assignment right

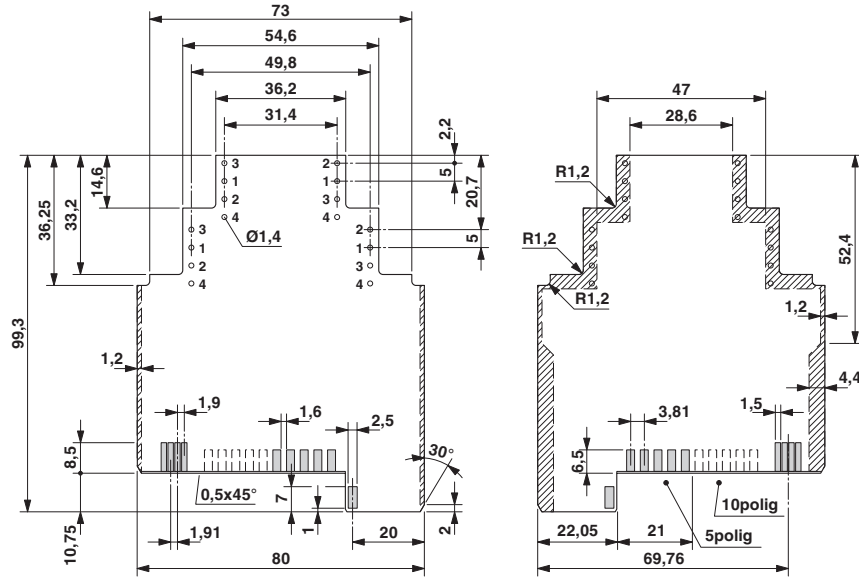
Dimensioned drawing



Dimensional drawing of the ME.../BUS 5+2 and ME.../BUS 10+2 printed circuit boards if the single-level upper part is used

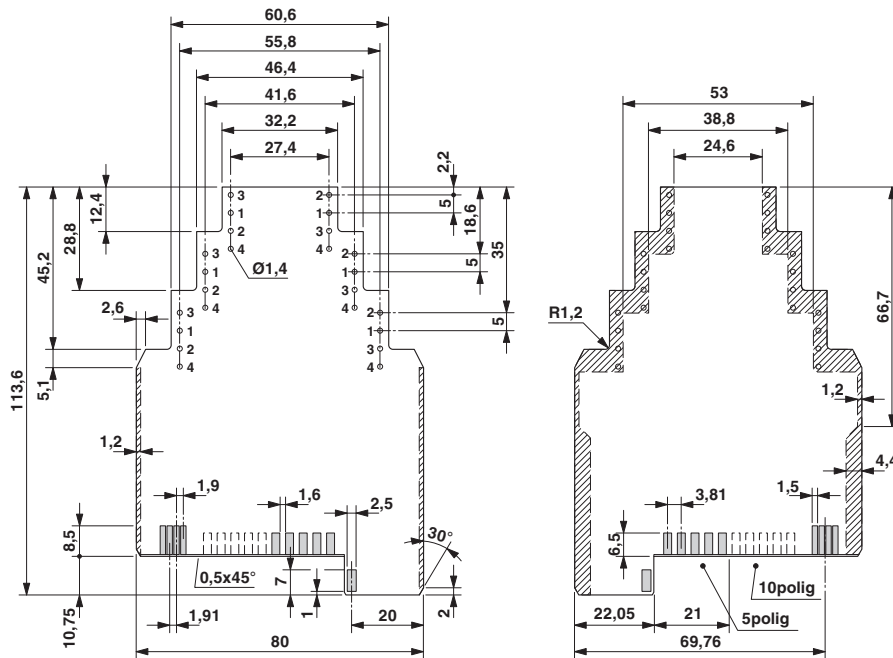
Electronic housing - ME 22,5 UT/FE BUS/ 5+2 GN - 2854209

Dimensioned drawing



Dimensional drawing of the ME.../BUS 5+2 and ME.../BUS 10+2 printed circuit boards if the double-level upper part is used

Dimensioned drawing



Dimensional drawing of the ME.../BUS 5+2 and ME.../BUS 10+2 printed circuit boards if the triple-level upper part is used

