

Electronic housing - ME 17,5 UT/FE BUS/10+2 GN - 2854199

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Lower part of housing, integrated 10-pos. cross connection link for parallel through contacting, and 2-pos. connection link for serial contacting

Product Features

- ✓ 2 optional serial contacts (daisy chain)
- ✓ Gold contacts for data transmission and power supply (125 V, 8 A)
- ✓ Supply via standard MINI COMBICON plug
- ✓ 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)	55.99 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	17.5 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	5.2 W 10.8 W
Number of positions	12

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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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 IN	8 A	8 A
Nominal voltage UN	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-17,5 MSTBO GN - 2906869



Filler plugs, for unoccupied terminal points

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



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)

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Accessories

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



Filler plugs, for unoccupied terminal points

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



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 B-KA - 2854173



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

Mounting material

Components of electronic housing - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

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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



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



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

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



Housing upper part, for printed circuit terminal block connection

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Accessories

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



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

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



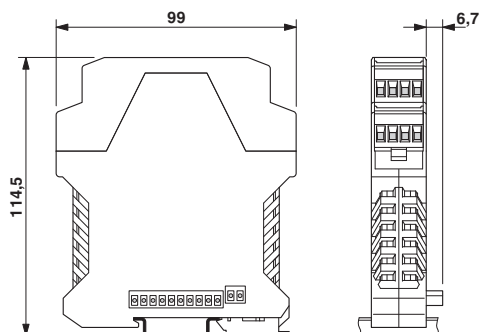
Electronic housing - ME 17,5 OT-MKDSO SET - 2907460

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



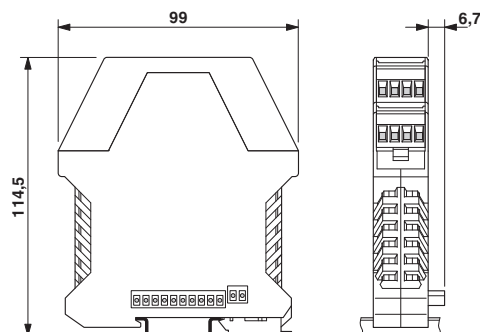
Drawings

Dimensioned drawing



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

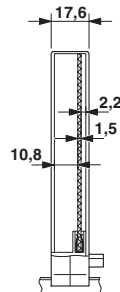
Dimensioned drawing



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

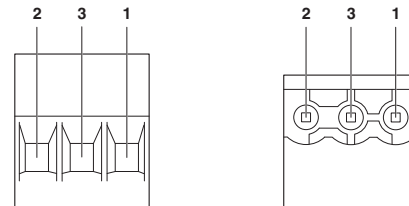
Electronic housing - ME 17,5 UT/FE BUS/10+2 GN - 2854199

Dimensioned drawing



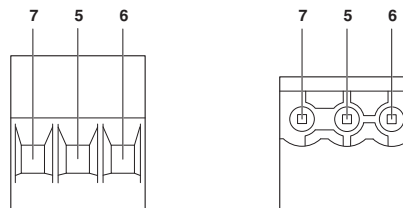
Inner housing dimensions, electronic housing
ME 17,5.../BUS 5+2 and ME 17,5.../BUS 10+2

Schematic diagram



Pin assignment left

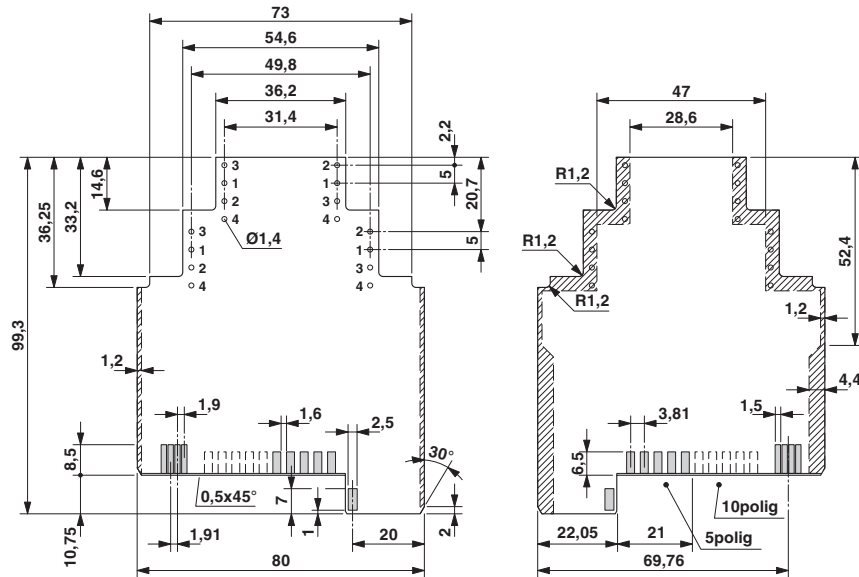
Schematic diagram



Pin assignment right

Electronic housing - ME 17,5 UT/FE BUS/10+2 GN - 2854199

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

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