

Electronic housing - ME 45 UT KMGY - 2709655

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Lower part of housing, fully assembled, with metal foot catch.

Illustration shows fully mounted versions of the electronic housing, in green

Product Features

- ✓ Tool-free mounting
- ✓ Large assembly area
- ✓ Low design width with a high number of positions
- ✓ Same PCB geometry for all design widths
- ✓ Recessed labeling areas
- ✓ Inflammability class V0 according to UL 94
- ✓ Fast mounting on DIN rails according to EN 60715
- ✓ Material and part identification embossed on the housing (recyclability)
- ✓ Cost savings thanks to easy device production
- ✓ Metal foot catch
- ✓ Optional BUS connection integrated in the housing, for either parallel or serial contacting
- ✓ Functional earth ground contact (EMC) integrated in the housing base
- ✓ Electronic components can be partially removed



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	65.24 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

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Technical data

General

Housing type	Component housing
Housing material	Polyamide
Color	light gray

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

Technical data

Connection in acc. with standard	CUL
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-12
Indicator1	CUL1
Inflammability class according to UL 94	V0
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

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Classifications

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	30-12
Nominal current I _N	10 A
Nominal voltage U _N	300 V

cUL Recognized 	
mm²/AWG/kcmil	30-12
Nominal current I _N	10 A
Nominal voltage U _N	300 V

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Approvals

cULus Recognized  US

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

Coding profile - CP-MSTB - 1734634



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

Component housing center part

Electronic housing - ME 45 UTM GN - 2853404



Intermediate element for modular extension of the volume of the housing in the pitch. The open intermediate element is 22.5 mm wide.

Electronic housing - ME 45 UTM G GN - 2853417



Intermediate element for modular extension of the volume of the housing in the pitch. The closed intermediate element is 22.5 mm wide.

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Accessories

Electronic housing - ME 45 UTM GN - 2853404



Intermediate element for modular extension of the volume of the housing in the pitch. The open intermediate element is 22.5 mm wide.

Filler plug

Electronic housing - ME B-22,5 MSTBO KMGY - 2907965



Filler plugs, for unoccupied terminal points

Electronic housing - ME B-22,5 MKDSO KMGY - 2908498



Filler plugs, for unoccupied terminal points

Ground contact

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

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Accessories

Mounting material

Components of electronic housing - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Electronic housing - ME LPZS - 2906911



PCB stop, for soldering onto PCB

Electronic housing - ME MF 17,5 - 2908281



Metal foot catch, for intermediate elements.

Electronic housing - ME LPZS - 2906911



PCB stop, for soldering onto PCB

Electronic housing - ME MF 17,5 - 2908281



Metal foot catch, for intermediate elements.

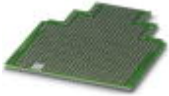
Electronic housing - ME 45 UT KMGY - 2709655

Accessories

PCB

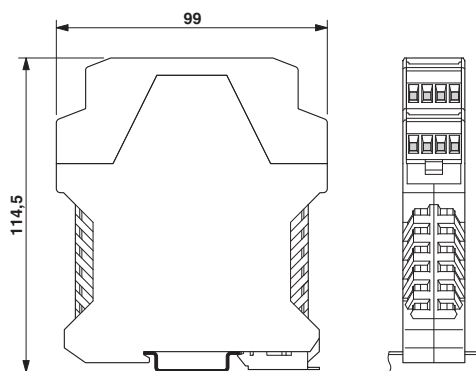
Electronic housing - ME LP - 2906908

PCB, for custom fitting, with contact to DIN rail (EN 60715)



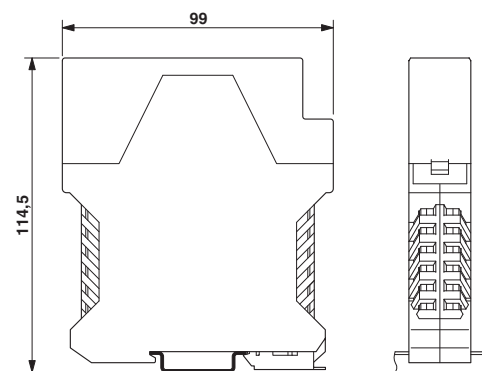
Drawings

Dimensioned drawing



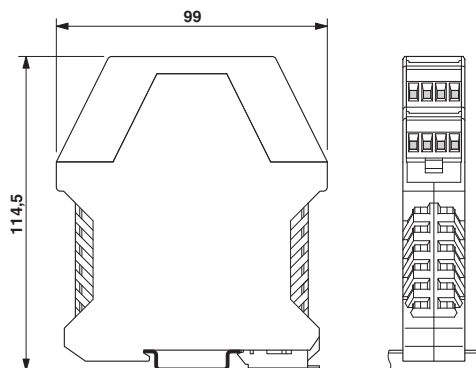
Dimensions of the electronic housing ME... with double-level upper part

Dimensioned drawing



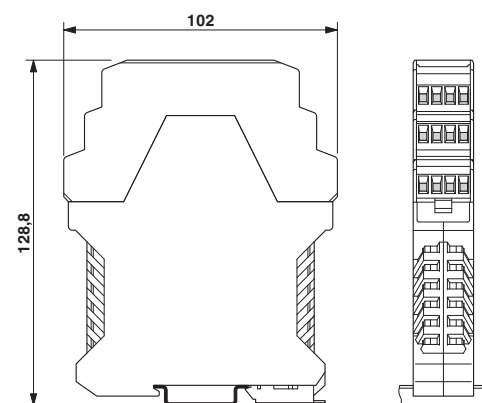
Dimensions of the electronic housing ME... with single-level upper part

Dimensioned drawing



Dimensions of the electronic housing ME... with double-level upper part

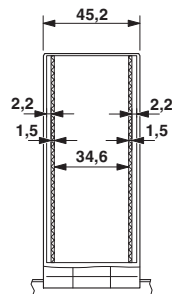
Dimensioned drawing



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

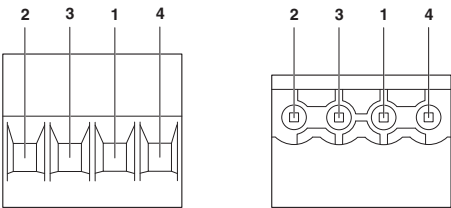
Electronic housing - ME 45 UT KMGY - 2709655

Dimensioned drawing



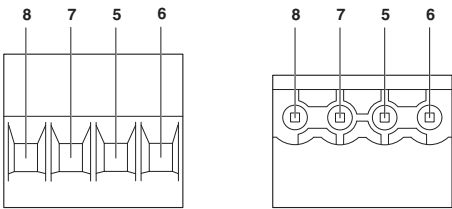
Inner housing dimensions, electronic housing ME 45 ...

Schematic diagram



Pin assignment left

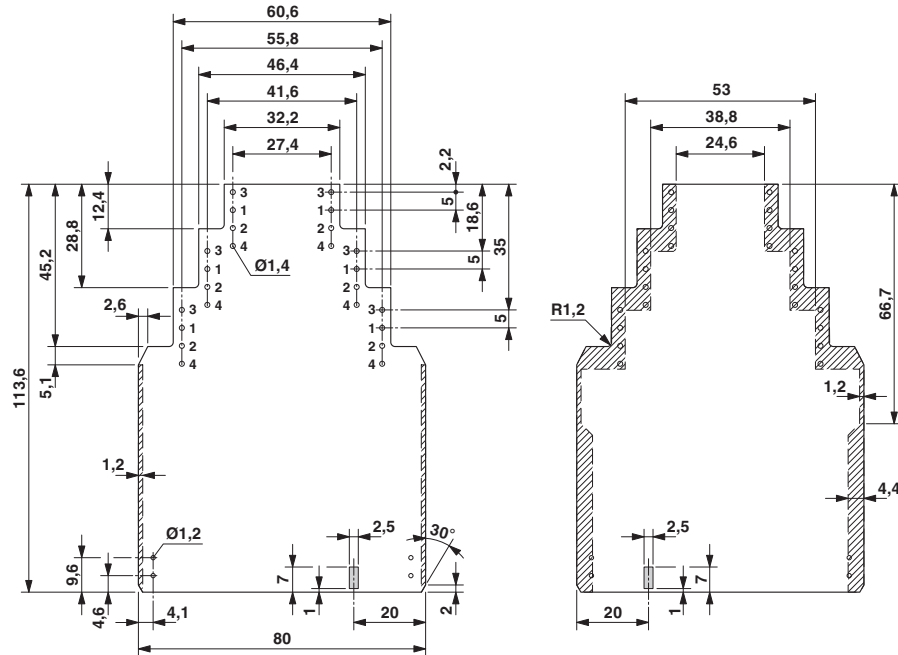
Schematic diagram



Pin assignment right

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Dimensioned drawing



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



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Электрон
Связь**

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