



**THE DATASHEET OF**  
**2907732**



## Electronic housing - ME 22,5 UT KMGY - 2907732

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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
- Low design width with a high number of positions
- Large assembly area
- 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
- Functional earth ground contact (EMC) integrated in the housing base
- Electronic components can be partially removed
- Metal foot catch
- Optional BUS connection integrated in the housing, for either parallel or serial contacting



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	48.0 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

## Electronic housing - ME 22,5 UT KMGY - 2907732

### 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	22.5 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	16
	4
	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

# Electronic housing - ME 22,5 UT KMGY - 2907732

## Classifications

### 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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#### Ex Approvals


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#### Approvals submitted

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## Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

## Electronic housing - ME 22,5 UT KMGY - 2907732

### Approvals



### 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.

## Electronic housing - ME 22,5 UT KMGY - 2907732

### 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.

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### Filler plug

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



Filler plugs, for unoccupied terminal points

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



Filler plugs, for unoccupied terminal points

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### Ground contact

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

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Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

## Electronic housing - ME 22,5 UT KMGY - 2907732

### Accessories

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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 LPZS - 2906911



PCB stop, for soldering onto PCB

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##### Electronic housing - ME MF 17,5 - 2908281



Metal foot catch, for intermediate elements.

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##### Electronic housing - ME LPZS - 2906911



PCB stop, for soldering onto PCB

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##### Electronic housing - ME MF 17,5 - 2908281



Metal foot catch, for intermediate elements.

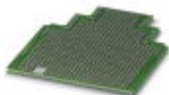
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## Electronic housing - ME 22,5 UT KMGY - 2907732

### Accessories

#### PCB

Electronic housing - ME LP - 2906908



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

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#### Printed circuit board housing

Base strip - MSTBO 2,5/ 4-G1L KMGY - 2907774



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Assembly: Soldering

Base strip - MSTBO 2,5/ 4-G1R KMGY - 2907787



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Assembly: Soldering

Printed-circuit board connector - MSTBT 2,5/ 4-ST KMGY - 1878037



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: Light gray, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 4-ST KMGY - 1921900



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage connection, Color: Light gray, Contact surface: Tin

## Electronic housing - ME 22,5 UT KMGY - 2907732

### Accessories

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#### Required add-on products

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-1MSTBO GN - 2709558



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

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-MKDSO SET - 2907473

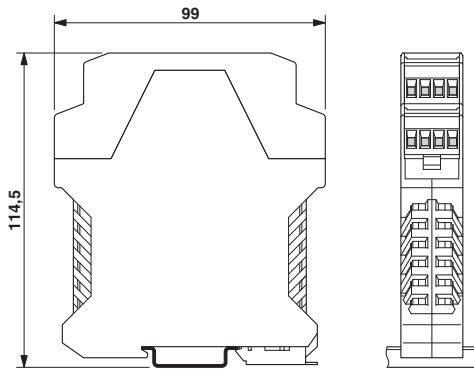
Housing upper part, complete with PCB termination blocks for full equipping. 16-pos., housing width: 22.5 mm



# Electronic housing - ME 22,5 UT KMGY - 2907732

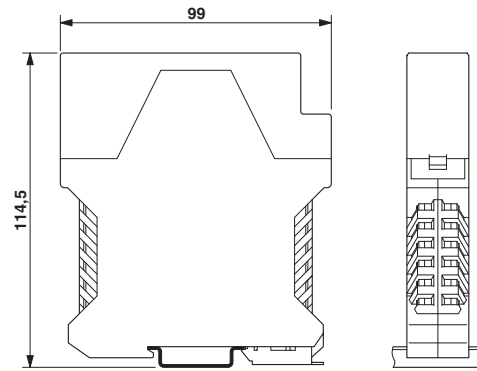
## Drawings

Dimensioned drawing



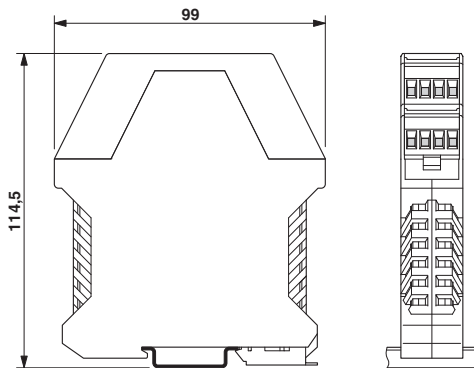
Dimensions of the electronic housing ME... with double-level upper part

Dimensioned drawing



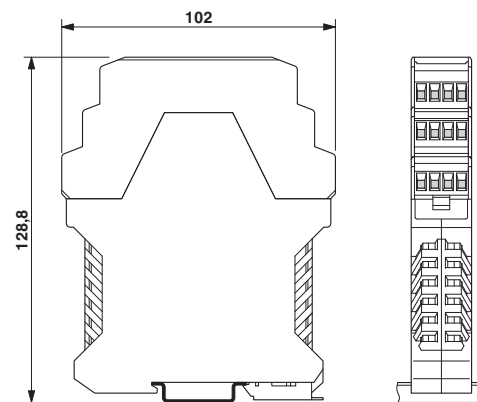
Dimensions of the electronic housing ME... with single-level upper part

Dimensioned drawing



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

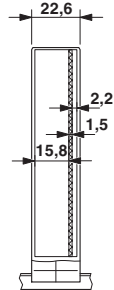
Dimensioned drawing



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

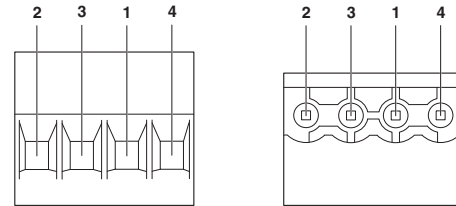
# Electronic housing - ME 22,5 UT KMGY - 2907732

Dimensioned drawing



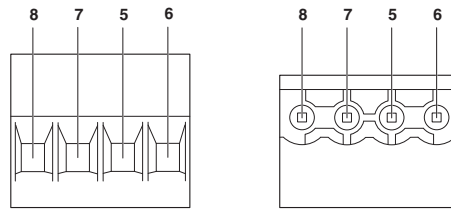
Inner housing dimensions, electronic housing ME 22.5 ...

Schematic diagram



Pin assignment left

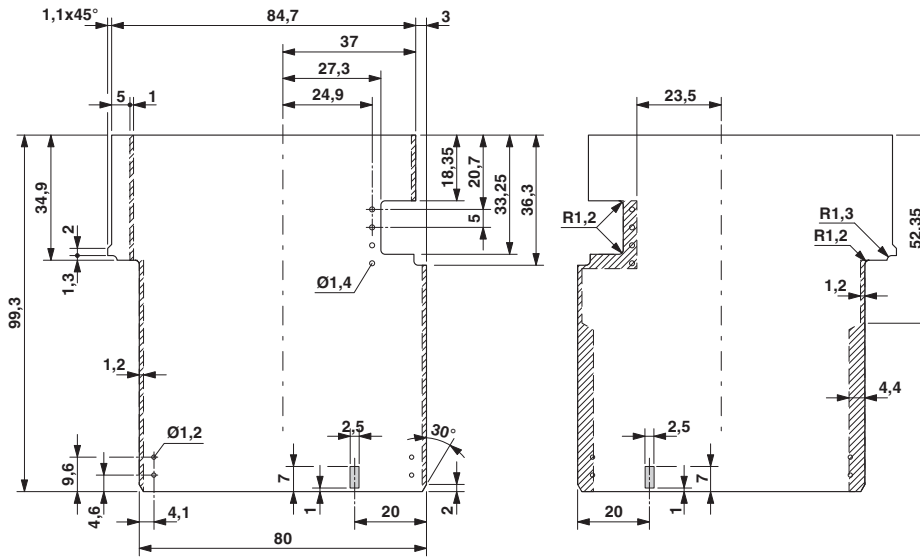
Schematic diagram



Pin assignment right

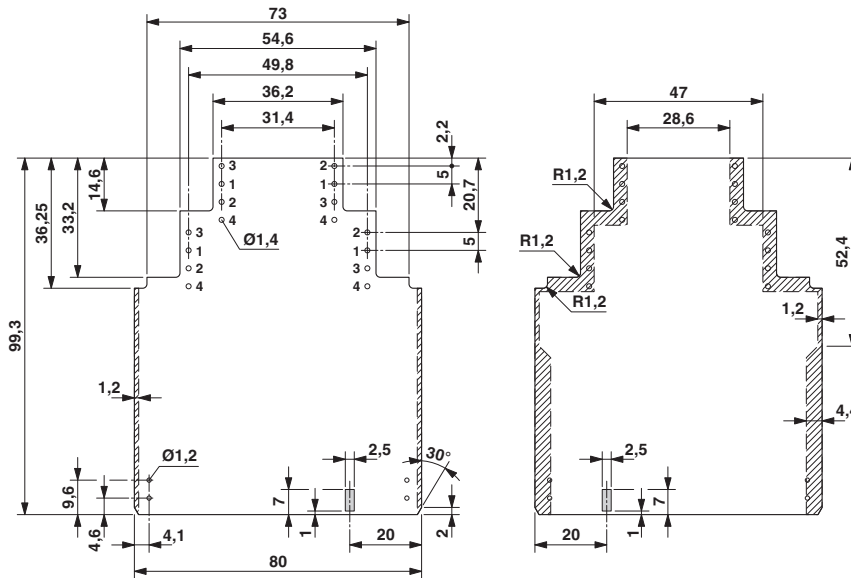
# Electronic housing - ME 22,5 UT KMGY - 2907732

Dimensioned drawing



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

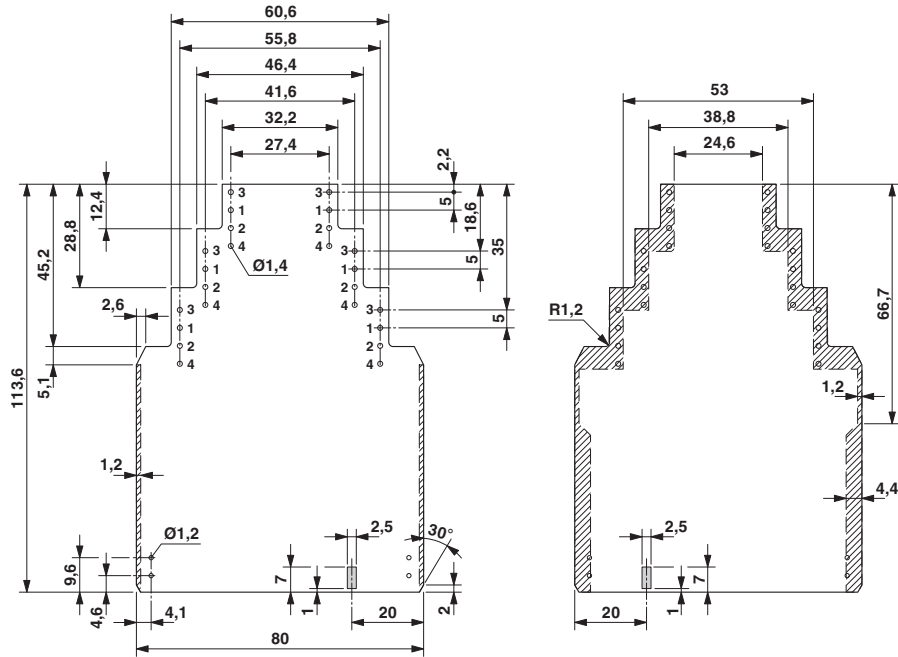
Dimensioned drawing



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

# Electronic housing - ME 22,5 UT KMGY - 2907732


Dimensioned drawing



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

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