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The illustration shows the version ME MAX 17,5 2-2 KMGY (open housing) with DIN rail connector plugged in

Electronic housing consisting of: Housing shells left and right, front plate, transparent cover, metal foot catch and spring, enclosed housing, 12-pos. (4 x 3 pos.), width: 17.5 mm, color: Light gray

#### **Product Features**

- ☑ DIN rail bus connector as an option
- ☑ Plug-in connection with screw, spring-cage or fast connection technology
- ☑ Large front surface for high-pos. plugs or operating and setting elements
- Large PCB surface despite compact housing dimensions
- The fitted cover is easy to adapt and print

- Fixed or plug-in connection technology can be combined on up to three connection levels, with different pitches
- Functional earth ground contact as an option



## Key commercial data

Packing unit	11
Minimum order quantity	10 1
Weight per Piece (excluding packing)	54.25 GRM
Custom tariff number	85369010
Country of origin	Germany

#### Technical data

#### General

Housing type	Complete housing

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## Technical data

#### General

Housing material	Polyamide
Color	light gray

#### Ambient conditions

Ambient temperature (operation)	-40 °C 105 °C
Ambient temperature (operation)	40 0 100 0

#### **Dimensions**

Length	99 mm
Constructional height	114.5 mm
Width	17.5 mm

#### Technical data

Connection in acc. with standard	CUL
Indicator1	CUL1
Inflammability class according to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	4.9 W 8.9 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

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## Classifications

## **UNSPSC**

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 **5** 

cUL Recognized

cULus Recognized 👊 us

## Accessories

Accessories

Device marking



## Accessories

Label sheet, DIN A4 - BMKLT 14X12 WH - 0813789



Label sheet, DIN A4, Sheet, white, Unlabeled, Can be labeled with: Office printing systems, Mounting type: Adhesive, Lettering field: 14 x 12 mm

#### DIN rail connector

Electronic housing - ME 17,5 TBUS 1,5/ 5-ST-3,81 GN - 2709561



DIN rail connector for DIN rail mounting. Universal for TBUS housing. Gold-plated contacts, 5-pos.

#### Filler plug

Filler plugs - ME MAX B-17,5 KMGY - 2706959



Filler plug for unoccupied terminal points, color: Light gray

#### Ground contact

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

**PCB** 



#### Accessories

Electronic housing - ME MAX LP SAMPLE MSTBO 2-2 - 2713777



PCB, for custom fitting for COMBICON connection system

## Printed circuit board housing

Printed-circuit board connector - MSTBO 2,5/ 3-6 ST SET KMGY - 2713748



Kit consisting of COMBICON header and screw connectors for 6x3 positions (18-pos.), color: Light gray

Printed-circuit board connector - MSTBO 2,5/ 3-6 ST SET - 2707958



 $\textit{Kit consisting of COMBICON header and screw connectors for 6x3 positions (18-pos.), color: Green \\$ 

#### Printed circuit board terminal

PCB terminal block - MKDSO 2,5/ 3-6 SET KMGY - 2713735



Set, consisting of orthogonal PCB terminal blocks for 6x3 positions (18-pos.), color: light gray

PCB terminal block - MKDSO 2,5/ 3-6 SET - 2707932



Kit consisting of COMBICON header and PCB terminal blocks for 6x3 positions (18-pos.), color: Green

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## Accessories

Electronic housing - ME 17,5 TBUS 1,5/ 5-ST-3,81 KMGY - 2713645



Plug component, Nominal current: 8 A

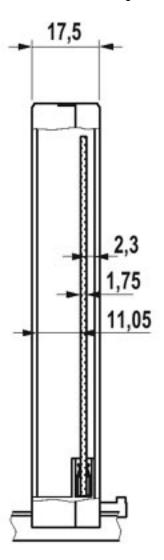
Filler plugs - ME MAX B-17,5 GN - 2706991

Filler plug for unequipped terminal points, color: green

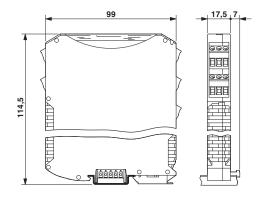
## Drawings



Dimensioned drawing

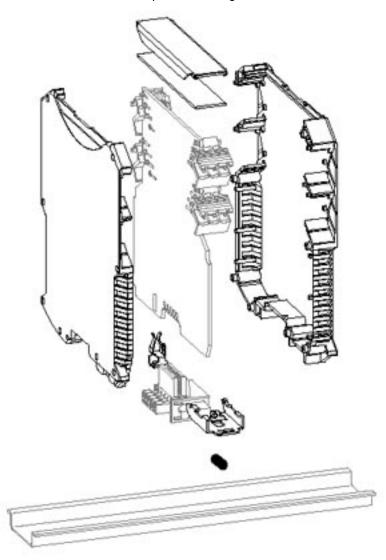


Dimensioned drawing





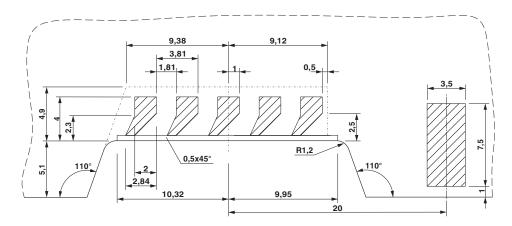




The illustration shows a version of the product (open housing) with accessories



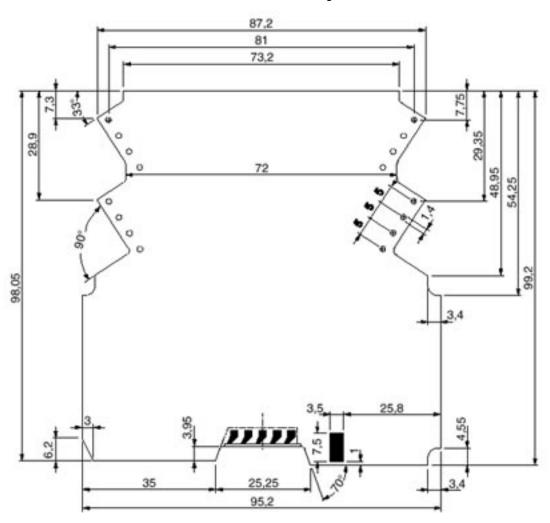
## Drilling diagram



Detailed dimensional drawing of the DIN rail connector contact pads



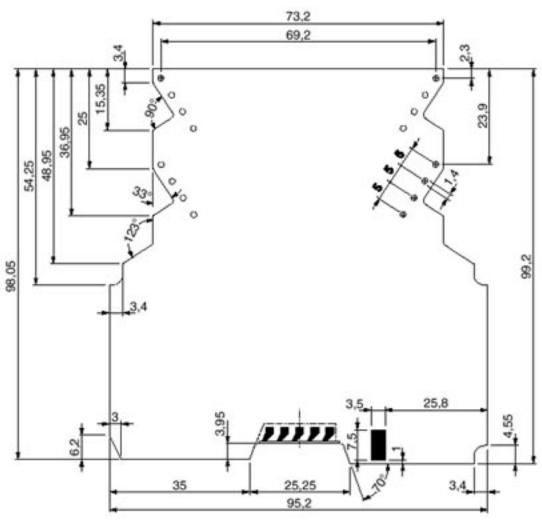
## Dimensioned drawing



Dimensional drawing of the ME MAX 2-2 printed circuit board, for printed circuit terminal block connection (MKDSO), view: component side



## Dimensioned drawing



Dimensional drawing of the ME MAX 2-2 printed circuit board for plug connection (MSTBO), view: component side

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