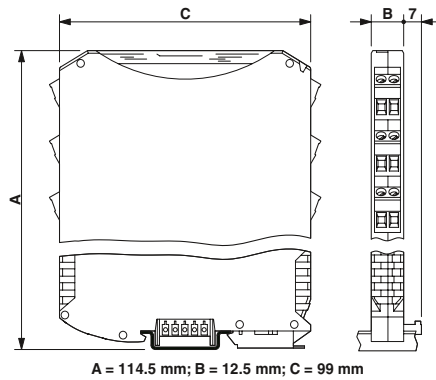




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ME MAX modular component housing



Width: 12.5 mm



Technical data

Power dissipation P <sub>v</sub> at 20°C in horizontal mounting position <sup>1)</sup>	ME MAX 12,5 3-3 TBUS KMGY				
Mounted in rows without spacing	4.4 W	-	-	-	-
Mounted in rows with min. 20 mm spacing	8.4 W	-	-	-	-
Type of housing	Electronic housings				
Connection data	Polyamide / V0				
	solid	stranded	AWG	I [A]	U [V]
	[mm <sup>2</sup> ]				
MSTBT 2,5/...	0.2 - 2.5	0.2 - 2.5	24 - 12	12 <sup>2)</sup>	250
MSTBT 2,5 HC/...	0.2 - 2.5	0.2 - 2.5	24 - 12	16 <sup>4)</sup>	250
MKDSO 2,5/...	0.14 - 2.5	0.14 - 2.5	26 - 14	24 <sup>2)</sup>	250
ME 6,2 TBUS-2...	-	-	-	8	125

Ordering data

Description	Type	Order No.	Pcs. / Pkt.
<b>Electronic housing</b> , comprising left and right housing shells, front plate, transparent cover, metal foot catch and spring			
6x2 positions, without vents, with TBUS option	ME MAX 12,5 G 3-3 TBUS KMGY	2279017	10
6x2 positions, with vents, with TBUS option	ME MAX 12,5 3-3 TBUS KMGY	2279020	10

Accessories

Description	Type	Order No.	Pcs. / Pkt.
<b>Pin strip</b> for soldering into the PCB, for contacting in DIN rail bus connectors			
Box packaging	ME TBUS PST 1,5/ 5-3,81	2279033	50
Tape-on-reel packing	ME TBUS PST 1,5/ 5-3,81 THRR32	2914369	440
DIN rail bus connector, 2 x 5-pos. <sup>5)</sup>	ME 6,2 TBUS-2 1,5/5-ST-3,81KMGY	2969401	10
<b>Filler plugs</b> , for unoccupied terminal points	ME MAX B-12,5 KMGY	2914660	10

The features at a glance:

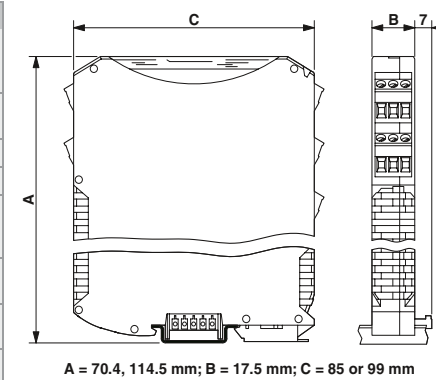
- Large PCB surface despite compact housing dimensions
- DIN rail bus connector as an option
- Simple exchange of modules without having to break the contact chain
- Permanent or pluggable connection technologies can be mixed on up to three connection levels, with different pitches
- Pluggable connection with screw spring-cage or fast connection technologies
- Large front surface for connectors or operating and setting elements with a high number of positions
- The fitted cover is easy to adapt and print
- The transparent front cover can be swung out
- Functional earth ground contact optional
- labels for additional marking optional

More housing dimensions, the layout of the PCBs, their dimensions and assembly areas can be found in the download center at: [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)

<b>Notes:</b>
For PCB connection technology, see page 680.
<sup>1)</sup> For information on power dissipation, see page 770.
<sup>2)</sup> Please observe the current carrying capacity curves. Further current carrying capacity curves on request.
<sup>3)</sup> Please observe the derating curves. Derating curves of further combination options on request.
<sup>4)</sup> Please observe the derating curves and laboratory data sheets. Derating curves of further combination options on request.
<sup>5)</sup> DIN rail connectors see page 676.

ME MAX modular component housing

<b>Notes:</b>
Only actuate the TBUS connector when in no load condition. If for operating reasons small loads must be switched, empirical values are available upon request.
The connection cross section refers to untreated conductors without ferrules.
For PCB connection technology, see page 680.
<sup>1)</sup> For information on power dissipation, see page 770.
<sup>2)</sup> As an alternative, the PCB connection system is also available as single-section designs. Versions with spring-cage or fast connection technologies are thus possible.
<sup>3)</sup> Please observe the current carrying capacity curves. Further current carrying capacity curves on request.
<sup>4)</sup> Please observe the derating curves. Derating curves of further combination options on request.
<sup>5)</sup> Please observe the derating curves and laboratory data sheets. Derating curves of further combination options on request.
<sup>6)</sup> DIN rail connectors see page 676.



Width: 17.5 mm



Technical data

Power dissipation P <sub>v</sub> at 20°C in horizontal mounting position <sup>1)</sup>	ME MAX 17,5 U-U1 KMGY				
Mounted in rows without spacing	5.2 W	4.9 W	-	-	-
Mounted in rows with min. 20 mm spacing	10.8 W	8.9 W	-	-	-
Type of housing	Electronic housings				
Connection data	Polyamide / V0				
	solid	stranded	AWG	I [A]	U [V]
	[mm <sup>2</sup> ]				
MSTBT 2,5/...	0.2 - 2.5	0.2 - 2.5	24 - 12	12 <sup>2)</sup>	250
MSTBT 2,5 HC/...	0.2 - 2.5	0.2 - 2.5	24 - 12	16 <sup>4)</sup>	250
MKDSO 2,5/...	0.14 - 2.5	0.14 - 2.5	26 - 14	24 <sup>2)</sup>	250
ME...TBUS 1,5/...	-	-	-	8	125

Ordering data

Description	Width [mm]	Type	Order No.	Pcs. / Pkt.
<b>Electronic housing</b> , comprising left and right housing shells, front plate, transparent cover, metal foot catch and spring				
(1 x 3 positions), with vents		ME MAX 17,5 U-U1 KMGY	2713641	10
(1 x 3 positions), without vents		ME MAX 17,5 G U-U1 KMGY	2713515	10
(4 x 3 positions), with vents		ME MAX 17,5 2-2 KMGY	2713599	10
(4 x 3 positions), without vents		ME MAX 17,5 G 2-2 KMGY	2713609	10
(6 x 3 positions), with vents		ME MAX 17,5 3-3 KMGY	2713612	10
(6 x 3 positions), without vents		ME MAX 17,5 G 3-3 KMGY	2713531	10
<b>Electronic housing</b> , superflat design, height x depth (70.4 x 85 mm)				
(4 x 3 positions), without vents		ME MAX 17,5 SF G 2-2 KMGY	2901369	10

Accessories

Description	Type	Order No.	Pcs. / Pkt.
<b>PCB connection technology set</b> for 6 x 3 positions (18-pos.) with a 5 mm pitch <sup>2)</sup>			
PCB terminal blocks	MKDSO 2,5/ 3-6 SET KMGY	2713735	1
COMBICON headers and screw plugs	MSTBO 2,5/ 3-6 ST SET KMGY	2713748	1
<b>PCB</b> , for custom fitting with COMBICON connection technology, for high design (114.5 mm)	ME MAX LP SAMPLE MSTBO 2-2	2713777	5
<b>DIN rail bus connector</b> , 5-pos. <sup>6)</sup>	ME 17,5 TBUS 1,5/ 5-ST-3,81 KMGY	2713645	50
<b>Filler plugs</b> , for unoccupied terminal points	ME MAX B-17,5 KMGY	2706959	50
<b>Filler plugs</b> for TBUS recess	ME MAX TBUS BS KMGY	2199650	50
<b>Functional earth ground contact</b> , for connection of the PCB to the grounded DIN rail, for ME BUS, ME TBUS and ME MAX housings	ME BUS FE CONTACT	2278076	50
<b>Label sheet for laser printer</b> , for electronic housing ME MAX			
1 sheet = 242 labels	BMKLT 14X12 WH	0813789	2



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Product	Code	Reference	Product link
Component housing	2914369	ME TBUS PST 1,5/ 5-3,81 THRR32	<a href="#">Buy on EAN</a>