

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

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DIN rail housing, Ultra-flat design, without vents, width: 17.5 mm, color: light gray (7035)

### Your advantages

- ✓ Item is from the ME-MAX product range
- ✓ Easy mounting
- ✓ Available in overall widths from 6.2 mm to 90 mm, modular extension is possible
- ✓ Inflammability class V0 according to UL 94
- ✓ Variety of connection technologies
- ✓ Can be mounted on the DIN rail
- ✓ Optional with bus connector for DIN rail mounting as well as power connection system



### Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 178525
GTIN	4046356178525
Weight per Piece (excluding packing)	26.600 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Item properties

Brief article description	Electronic housing
Type	ME MAX 17,5 SF G 2-2 KMGY
Order No.	2901369
Housing type	DIN rail housing
Housing series	ME-MAX

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Technical data

#### Item properties

Type	Ultra-flat design
Max. IP code to attain	IP20
Mounting type	DIN rail mounting
Connection levels	2 (Both sides)
Ventilation openings present	no
Max. number of positions	16 (pitch: 3.5 mm)
	12 (pitch: 5 mm)
	8 (pitch: 7.25 mm/7.5 mm)

#### Dimensions

Width [ w ]	17.5 mm
Height [ h ]	85 mm
Depth [ d ]	70.4 mm
Depth from top edge of DIN rail [ d ]	62.9 mm

#### Material data

Color (RAL)	light gray (7035)
Flammability rating according to UL 94	V0
Housing material	Polyamide

#### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Relative humidity (storage/transport)	80 %

#### PCB data

Number of PCB holders	1
PCB thickness	1.4 mm ... 1.8 mm
Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

#### Power dissipation, single housing at 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical

#### Power dissipation, single housing at 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical

#### Power dissipation, single housing at 40 °C

Ambient temperature	40 °C
Reduction factor	0.81

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## Technical data

### Power dissipation, single housing at 40 °C

Mounting position	vertical
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### Power dissipation, single housing at 50 °C

Ambient temperature	50 °C
Reduction factor	0.72
Mounting position	vertical

### Power dissipation, single housing at 60 °C

Ambient temperature	60 °C
Reduction factor	0.63
Mounting position	vertical

## General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.
Type of note	Recommendation
Note	Material of contact pads for bus connector, galvanic gold (hard gold)

## Packaging information

Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Carton

## Standards and regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Classifications

### eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

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### Classifications

#### ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	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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Approvals

UL Recognized / EAC

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Ex Approvals

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#### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 240868
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EAC		B.01742
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### Accessories

Accessories

Fiber optic

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Fiber optic - HS LC-H-D3/ R1XC1 - 2202313



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-5X2/ R1XC1 - 2202314



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D3/ R2XC1-5,08 - 2202315



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2/ R2XC1-2,54 - 2202316



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2/ R2XC2-2,54 - 2202317



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Fiber optic - HS LC-H-D2/ R2XC5-2,54 - 2202318



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2/ R2XC10-2,54 - 2202319



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2C/ R2XC1-2,54 - 1036658



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2C/ R2XC2-2,54 - 1043044



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Fiber optic - HS LC-H-D2C/ R2XC5-2,54 - 1071310



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Fiber optic - HS LC-H-D2C/ R2XC10-2,54 - 1071314



Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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### Filler plug

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



Filler plug for unoccupied terminal points, color: Light gray

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

Filler plug for unequipped terminal points, color: green

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### Ground contact

Functional earth ground contact - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

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Functional earth ground contact - ME BUS FE CONTACT - 2278076



Component housing, color: silver

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### Mounting material

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Base latch - ME MF 17,5 - 2908281

Metal foot catch, for intermediate elements.



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### Necessary add-on products

Feed-through header - MCO 1,5/ 4-G1L-3,5 KMGY - 2278364



PCB headers, number of positions: 4, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

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Feed-through header - MCO 1,5/ 4-G1R-3,5 KMGY - 2278377



PCB headers, number of positions: 4, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

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Printed-circuit board connector - MC 1,5/ 4-ST-3,5 GY7035 - 1769074



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

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Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 GY7035 - 1773578



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin



## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 GY7035 - 1773594



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin

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Feed-through header - MSTBO 2,5/ 3-G1L KMGY - 2853750



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Feed-through header - MSTBO 2,5/ 3-G1R KMGY - 2853763



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Feed-through header - MSTBO 2,5/ 3 G1L THRR44 BK - 2915216



PCB headers, number of positions: 3, pitch: 5 mm, color: black

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Feed-through header - MSTBO 2,5/ 3 G1R THRR44 BK - 2915229



PCB headers, number of positions: 3, pitch: 5 mm, color: black

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## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Feed-through header - MSTBO 2,5/ 3-G1PL GY7035 - 2200328



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Feed-through header - MSTBO 2,5/ 3-G1PR GY7035 - 2200329



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Printed-circuit board connector - PSPT 2,5/ 3-ST KMGY - 2202345



PCB connector, number of positions: 3, pitch: 5 mm, color: light gray

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Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP GY7035 - 2200333



PCB connector, number of positions: 3, pitch: 5 mm, color: light gray

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Feed-through header - GMSTBO 2,5 HV/ 2-GL-7,25 THR - 2199867



PCB headers, number of positions: 2, pitch: 7.25 mm

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## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Feed-through header - GMSTBO 2,5 HV/ 2-GR-7,25 THR - 2199760



PCB headers, number of positions: 2, pitch: 7.25 mm

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Printed-circuit board connector - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757



PCB connector, number of positions: 2, pitch: 7.25 mm, color: light gray

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



Filler plug for unoccupied terminal points, color: Light gray

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Feed-through header - MSTBO 2,5/ 3-G1L KMGY AU - 1077605



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Feed-through header - MSTBO 2,5/ 3-G1R KMGY AU - 1077606



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

PCB terminal block - MKDSO 1,5/ 4-L-3,5 KMGY - 2278432



PCB terminal block, pitch: 3.5 mm, number of positions: 4, color: light gray. Article with lateral pin exit

PCB terminal block - MKDSO 1,5/ 4-R-3,5 KMGY - 2278429



PCB terminal block, pitch: 3.5 mm, number of positions: 4, color: light gray. Article with lateral pin exit

PCB terminal block - MKDSO 2,5/ 3-L KMGY - 2854102



PCB terminal block, nominal current: 24 A, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

PCB terminal block - MKDSO 2,5/ 3-R KMGY - 2854092



PCB terminal block, nominal current: 24 A, pitch: 5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

PCB terminal block - MKDSO 2,5 HV/ 2L-7,5 KMGY - 2199676



PCB terminal block, pitch: 7.5 mm, number of positions: 2, color: light gray. Article with lateral pin exit

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

PCB terminal block - MKDSO 2,5 HV/ 2R-7,5 KMGY - 2199773



PCB terminal block, pitch: 7.5 mm, number of positions: 2, color: light gray. Article with lateral pin exit

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PCB terminal block - FKDSO 2,5/ 3-L KMGY - 2200318



PCB terminal block, nominal current: 22 A, pitch: 5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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PCB terminal block - FKDSO 2,5/ 3-R KMGY - 2200317



PCB terminal block, nominal current: 22 A, pitch: 5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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### Additional products

DIN rail bus connectors - ME 17,5 TBUS 1,5/ 5-ST-3,81 KMGY - 2713645



DIN rail connector, number of positions: 5, pitch: 3.81 mm, color: light gray

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DIN rail bus connectors - ME 17,5 TBUS 1,5/4P1S KMGY - 2201731



DIN rail connector for ME and ME-MAX, design width: 17.5 mm, 4 parallel positions and 1 serial position, color: light gray (similar to RAL 7035)

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Printed-circuit board connector - PCO 17,5-L KMGY - 2201684



Power connector for ME-MAX housing, design width: 17.5 mm, 2 positions; used to transmit a total current of up to 42 A at 60 V DC.

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Filler plugs - ME MAX TBUS BS KMGY - 2199650



Component housing, Filler plugs, color: light gray

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End clamp - E/ME TBUS NS35 GY - 2713780



End clamp, stable construction for DIN rail bus connector

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Plug - MC 1,5/ 5-ST-3,81 AU - 1860883



PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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Printed-circuit board connector - IMC 1,5/ 5-ST-3,81 - 1857919



PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Electronic housing - ME MAX 17.5 SF G 2-2 KMGY - 2901369

### Accessories

Cross connection - PBR 42A BU - 2201916



Jumper for PCO power connector in ME-MAX housing, color: blue (similar to RAL 5015)

Cross connection - PBR 42A GY - 2201917



Jumper for PCO power connector in ME-MAX housing, color: gray (similar to RAL 7042)

Cross connection - PBR 42A RD - 2201915



Jumper for PCO power connector in ME-MAX housing, color: red (similar to RAL 3000)

Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Coding section - CR MSTBO-G1 - 2199618



Coding section