

## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

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Complete housing with vents, Cross connection: DIN rail bus connector, color: light gray, width: 90 mm, length: 99 mm, height: 114.5 mm, number of positions cross connector: 5

### Why buy this product

- 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 STK
Minimum order quantity	10 STK
GTIN	
GTIN	4046356608114
Weight per Piece (excluding packing)	108.330 g
Custom tariff number	85389099
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General

Housing type	Complete housing
Housing material	Polyamide
Color (RAL)	light gray (7035)

#### Ambient conditions

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## Technical data

### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)

### Dimensions

Length	99 mm
Constructional height	114.5 mm
Width	90 mm
Depth	99 mm

### Technical data

Power dissipation without gap	10.4 W
Power dissipation with 20 mm gap	18.9 W
Number of positions	16

### Standards and Regulations

Flammability rating according to UL 94	V0
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### 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	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

### ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

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## Classifications

### UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Accessories

### Accessories

#### Fiber optics

##### Component housing - HS LC-H-D3/ R1XC1 - 2202313



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

##### Component housing - HS LC-H-5X2/ R1XC1 - 2202314



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

##### Component housing - HS LC-H-D3/ R2XC1-5,08 - 2202315



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

##### Component housing - HS LC-H-D2/ R2XC1-2,54 - 2202316



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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### Accessories

Component housing - HS LC-H-D2/ R2XC2-2,54 - 2202317



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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Component housing - HS LC-H-D2/ R2XC5-2,54 - 2202318



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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Component housing - HS LC-H-D2/ R2XC10-2,54 - 2202319



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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Component housing - HS LC-H-D2/ R4XC2-2,54 - 2202320



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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Component housing - HS LC-H-D2/ R4XC5-2,54 - 2202321



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

Component housing - HS LC-H-D2/ R4XC9-2,54 - 2202322



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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Component housing - HS LC-H-D2/ R4XC10-2,54 - 2202323



Fiber optics can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed), color: transparent

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### Filler plug

Filler plugs - ME MAX B-22,5 KMGY - 2707929



Filler plug for unoccupied terminal points, color: Light gray

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### Ground contact

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

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### Necessary add-on products

Base strip - MCO 1,5/ 5-G1L-3,5 KMGY - 2278380



Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.5 mm, color: light gray, contact surface: Tin, mounting: Soldering, Article with lateral pin exit

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## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

Base strip - MCO 1,5/ 5-G1R-3,5 KMGY - 2278351



Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.5 mm, color: light gray, contact surface: Tin, mounting: Soldering, Article with lateral pin exit

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Base strip - MSTBO 2,5/ 4-G1PL GY7035 - 2200325



Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, contact surface: Tin, mounting: Soldering

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Base strip - MSTBO 2,5/ 4-G1PR GY7035 - 2200326



Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, contact surface: Tin, mounting: Soldering

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Base strip - GMSTBO 2,5 HV/ 3-GL-7,25 THR - 2199663



Header, nominal current: 16 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.25 mm, mounting: SMD/THT/THR

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Base strip - GMSTBO 2,5 HV/ 3-GR-7,25 THR - 2199566



Header, nominal current: 16 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.25 mm, mounting: SMD/THT/THR

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## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

Base strip - MSTBO 2,5/ 4-G1L THRR44 BK - 2697194



Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: black, contact surface: Tin, mounting: Taped SMD/THT/THR components

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Base strip - MSTBO 2,5/ 4-G1R THRR44 BK - 2697204



Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: black, contact surface: Tin, mounting: Taped SMD/THT/THR components

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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, color: light gray, contact surface: Tin, mounting: Soldering

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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, color: light gray, contact surface: Tin, mounting: Soldering

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Printed-circuit board connector - MKDSO 1,5/ 5-L-3,5 KMGY - 2278393



PCB terminal block, nominal current: 8 A, nom. voltage: 160 V, pitch: 3.5 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

#### Printed-circuit board connector - MKDSO 1,5/ 5-R-3,5 KMGY - 2278416



PCB terminal block, nominal current: 8 A, nom. voltage: 160 V, pitch: 3.5 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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#### PCB terminal block - MKDSO 2,5/ 4-L KMGY - 2908485



PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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#### PCB terminal block - MKDSO 2,5/ 4-R KMGY - 2908472



PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

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#### PCB terminal block - MKDSO 2,5 HV/ 3L-7,5 KMGY - 2890946



PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, pitch: 7.5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, color: light gray. Article with lateral pin exit

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#### PCB terminal block - MKDSO 2,5 HV/ 3R-7,5 KMGY - 2890959



PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, pitch: 7.5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, color: light gray. Article with lateral pin exit

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## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

#### PCB terminal block - FKDSO 2,5/ 4-L KMGY - 2200319



PCB terminal block, nominal current: 22 A, nom. voltage: 250 V, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

#### PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320



PCB terminal block, nominal current: 22 A, nom. voltage: 250 V, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray. Article with lateral pin exit

#### PCB terminal block - FKDSO 2,5 HV/3-L 7,5 GY7035 - 2201128



PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, pitch: 7.5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering. Article with lateral pin exit

#### PCB terminal block - FKDSO 2,5 HV/3-R 7,5 GY7035 - 2201129



PCB terminal block, nominal current: 24 A, nom. voltage: 630 V, pitch: 7.5 mm, number of positions: 3, connection method: Push-in spring connection, mounting: Wave soldering. Article with lateral pin exit

### Additional products

#### Electronic housing - ME 22,5 TBUS 1,5/4P1S KMGY - 2201732



DIN rail connector for ME and ME-MAX, design width: 22.5 mm, 4 parallel positions and 1 serial position, color: light gray (similar to RAL 7035)

## Electronic housing - ME MAX 90 U-U1 KMGY - 2200546

### Accessories

#### Electronic housing - ME 22,5 TBUS 1,5/ 5-ST-3,81 KMGY - 2713722



Plug component, nominal current: 8 A, rated voltage (III/2): 125 V, nominal current (Ex): 8 A, nominal voltage (Ex): 125 V, number of positions: 5, pitch: 3.81 mm, color: light gray, contact surface: Gold, Articles with gold-plated contacts, bus connectors for connecting with electronic housings

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#### Electronic housing - ME 22,5 TBUS ADAPTER KMGY - 2201756



DIN rail bus adapter for ME and ME-MAX, design width: 22.5 mm, 5 parallel positions, color: light gray (similar to RAL 7035)

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#### Electronic housing - ME MAX TBUS BS KMGY - 2199650



Component housing, color: light gray