



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Complete housing, length: 99 mm, without vents, Cross connection: DIN rail bus connector, color: light gray, width: 22.5 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	1 STK
Minimum order quantity	10 STK
GTIN	 4 017918 917425
GTIN	4017918917425
Weight per Piece (excluding packing)	68.000 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### General

Housing type	Complete housing
Housing material	Polyamide

# Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

## Technical data

### General

Color (RAL)	light gray (7035)
-------------	-------------------

### 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	22.5 mm
Depth	99 mm

### Technical data

Connection in acc. with standard	CUL
Indicator1	CUL1
Power dissipation without gap	5.7 W
Power dissipation with 20 mm gap	10.1 W
Number of positions	16

### 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	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

# Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

## Classifications

### ETIM

ETIM 2.0	EC001031
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
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / UL Recognized / cULus Recognized

#### Ex Approvals

### 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
---------------	--	---	---------------

cUL 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 60425
----------------	--	---	--------------

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 60425
---------------	--	---	--------------

# Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

## Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

## Accessories

### Accessories

#### Fiber optics

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



Light guides, 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



Light guides, 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



Light guides, 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



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

## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

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



Light guides, 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/ R2XC5-2,54 - 2202318



Light guides, 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/ R2XC10-2,54 - 2202319



Light guides, 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/ R4XC2-2,54 - 2202320



Light guides, 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/ R4XC5-2,54 - 2202321



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

---

## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

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



Light guides, 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/ R4XC10-2,54 - 2202323



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

---

### Filler plug

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



Filler plug for unoccupied terminal points, color: Light gray

---

### Ground contact

Electronic housing - ME FE-CONTACT - 2908294



Functional earth ground contact, for intermediate elements.

---

### Necessary add-on products

## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

#### Header - 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

---

#### Header - 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

---

#### Header - 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

---

#### Header - 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

---

#### Header - 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

---



## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

Header - 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

---

Header - 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

---

Header - 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

---

Header - 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

---

Header - 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

---

## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

#### 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

#### 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

#### 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

#### 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

#### 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

## Electronic housing - ME MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

#### 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

---

#### 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 MAX 22,5 G 2-2 KMGY - 2713638

### Accessories

#### DIN rail bus connectors - 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)

#### DIN rail bus connectors - 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

#### DIN rail bus connectors - 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)

#### Printed-circuit board connector - PCO 22,5-L KMGY - 2201685



Power connector for ME-MAX housing, design width: 22.5 mm, 2-pos., used to transmit a total current of up to 42 A at 60 V DC.

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

Component housing, color: light gray



