

2869391

<https://www.phoenixcontact.com/us/products/2869391>

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DIN rail housing, Complete housing with metal foot catch, flat design, without vents, width: 45.2 mm, height: 85 mm, depth: 92 mm, color: light gray (similar RAL 7035), cross connection: DIN rail connector (optional), number of positions cross connector: 5

Your advantages

- Easy installation
- Available in overall widths from 6.2 mm ... 90 mm, modular extension possible
- Variety of connection technology
- Can be mounted on the DIN rail
- With DIN-rail-mountable bus connector and power connector system as an option
- Transparent front cover can be swiveled

Commercial data

Item number	2869391
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHABA
Catalog page	Page 688 (C-1-2013)
GTIN	4017918975128
Weight per piece (including packing)	69.9 g
Weight per piece (excluding packing)	64.245 g
Customs tariff number	85389099
Country of origin	DE

# ME MAX 45 F G 3-3 KMGY - Electronics housing



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## Technical data

### Notes

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

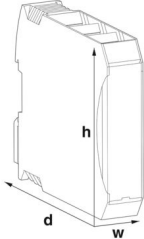
### Product properties

Product type	Complete housing
Housing type	DIN rail housing
Housing series	ME-MAX
Product family	ME MAX 45..
Type	Lower housing parts without vents, housing cover necessary to complete the module
Max. number of positions	60 (pitch: 3.5 mm)
	48 (pitch: 5 mm)
	36 (pitch: 7.25 mm/7.5 mm)
Number of rows	3
	3
Type	Complete housing with metal foot catch, flat design
Ventilation openings present	no

### Data management status

Article revision	04
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### Dimensions

Dimensional drawing	
Width	45.2 mm
Height	85 mm
Depth	92 mm
Depth from top edge of DIN rail	84.5 mm

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

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

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CTI according to IEC 60112	600
Housing material	Polyamide
Surface characteristics	untreated

## Environmental and real-life conditions

### Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	7.1 W

### Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	6.45 W

### Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	5.75 W

### Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	5 W

### Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	4 W

### Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	3.5 W

### Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)

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Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

## Mechanical strength / tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Frequency	10

## Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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## Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

## PCB data

Number of PCB holders	2
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

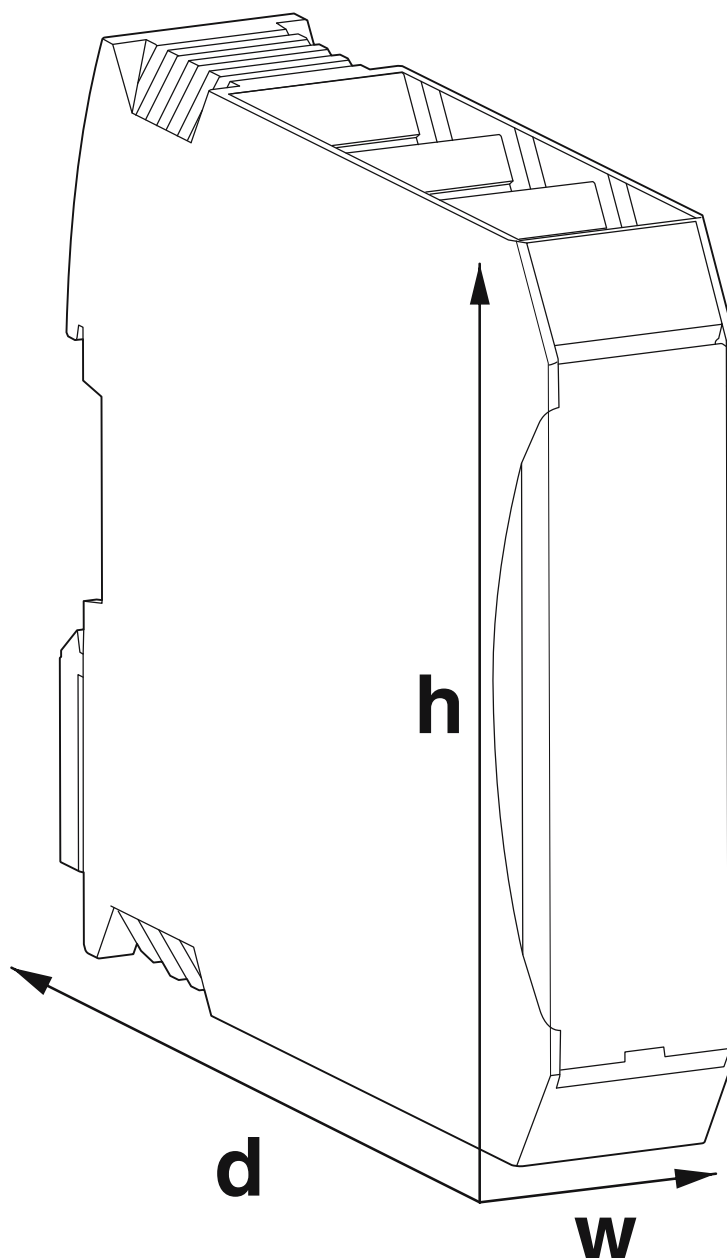
Mounting type	DIN rail mounting
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

## Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2869391>



**UL Recognized**

Approval ID: E240868

# ME MAX 45 F G 3-3 KMGY - Electronics housing



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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190101

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



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## Mandatory accessories

### MCO 1,5/ 5-G1L-3,5 KMGY - PCB header

2278380

<https://www.phoenixcontact.com/us/products/2278380>



PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCO 1,5/...-G1L, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, plug-in system: COMBICON MC 1,5, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

### MCO 1,5/ 5-G1R-3,5 KMGY - PCB header

2278351

<https://www.phoenixcontact.com/us/products/2278351>



PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCO 1,5/...-G1R, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, plug-in system: COMBICON MC 1,5, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

# ME MAX 45 F G 3-3 KMGY - Electronics housing



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## MSTBO 2,5/ 4-G1PL GY7035 - PCB header

2200325

<https://www.phoenixcontact.com/us/products/2200325>

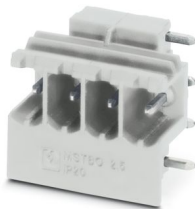


PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/-G1PL, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

## MSTBO 2,5/ 4-G1PR GY7035 - PCB header

2200326

<https://www.phoenixcontact.com/us/products/2200326>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/-G1PR, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

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## GMSTBO 2,5 HV/ 3-GL-7,25 THR - PCB header

2199663

<https://www.phoenixcontact.com/us/products/2199663>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, rated voltage (III/2): 630 V, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: GMSTBO 2,5 HV, pitch: 7.25 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, type of packaging: packed in cardboard, Product with pin output on left side

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## GMSTBO 2,5 HV/ 3-GR-7,25 THR - PCB header

2199566

<https://www.phoenixcontact.com/us/products/2199566>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, rated voltage (III/2): 630 V, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: GMSTBO 2,5 HV, pitch: 7.25 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, type of packaging: packed in cardboard, Product with pin output on right side

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## MSTBO 2,5/ 4-G1L THRR44 BK - PCB header

2697194

<https://www.phoenixcontact.com/us/products/2697194>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/..-G1L-THR, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, type of packaging: 44 mm wide tape, Product with pin output on left side

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## MSTBO 2,5/ 4-G1R THRR44 BK - PCB header

2697204

<https://www.phoenixcontact.com/us/products/2697204>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/..-G1R-THR, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, type of packaging: 44 mm wide tape, Product with pin output on right side

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## MSTBO 2,5/ 4-G1L KMGY - PCB header

2907774

<https://www.phoenixcontact.com/us/products/2907774>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/...-G1L, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

## MSTBO 2,5/ 4-G1R KMGY - PCB header

2907787

<https://www.phoenixcontact.com/us/products/2907787>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/...-G1R, connection method: pluggable, mounting: Wave soldering, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, Product with pin output on right side

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

2278393

<https://www.phoenixcontact.com/us/products/2278393>



PCB terminal block, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of positions per row: 5, product range: MKDSO 1,5/...-L, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 2.3 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on left side

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

2278416

<https://www.phoenixcontact.com/us/products/2278416>



PCB terminal block, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of positions per row: 5, product range: MKDSO 1,5/...-R, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 2.3 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

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

2908485

<https://www.phoenixcontact.com/us/products/2908485>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDSO 2,5/...-L, pitch: 5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on left side

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

2908472

<https://www.phoenixcontact.com/us/products/2908472>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDSO 2,5/...-R, pitch: 5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

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

2890946

<https://www.phoenixcontact.com/us/products/2890946>



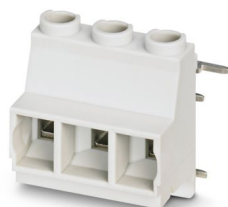
PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of rows: 1, number of positions per row: 3, product range: MKDSO 2,5 HV/...-L, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1. Product with pin output on left side

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

2890959

<https://www.phoenixcontact.com/us/products/2890959>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of rows: 1, number of positions per row: 3, product range: MKDSO 2,5 HV/...-R, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1. Product with pin output on right side



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

2200319

<https://www.phoenixcontact.com/us/products/2200319>



PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: FKDSO 2,5/..-L, pitch: 5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on left side

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

2200320

<https://www.phoenixcontact.com/us/products/2200320>



PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: FKDSO 2,5/..-R, pitch: 5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

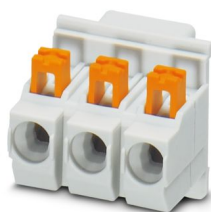
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## FKDSO 2,5 HV/3-L 7,5 GY7035 - PCB terminal block

2201128

<https://www.phoenixcontact.com/us/products/2201128>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: FKDSO 2,5 HV/...-L, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.53 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on left side

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

2201129

<https://www.phoenixcontact.com/us/products/2201129>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: FKDSO 2,5 HV/...-R, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.53 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

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## MC 1,5/ 5-ST-3,5 GY7035 - PCB connector

1769087

<https://www.phoenixcontact.com/us/products/1769087>



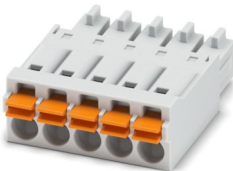
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MC 1,5/...-ST, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## FMC 1,5/ 5-ST-3,5 GY7035 - PCB connector

1773581

<https://www.phoenixcontact.com/us/products/1773581>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: FMC 1,5/...-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON FMC 1,5 - MCDN 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

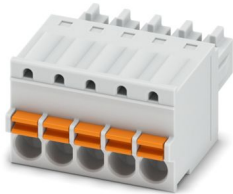
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## FK-MCP 1,5/ 5-ST-3,5 GY7035 - PCB connector

1773604

<https://www.phoenixcontact.com/us/products/1773604>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: FK-MCP 1,5/...-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## PSPT 2,5/ 4-ST KMGY - PCB connector

2202344

<https://www.phoenixcontact.com/us/products/2202344>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A, rated voltage (III/2): 300 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PSPT 2,5/...-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, locking: without, mounting: without, type of packaging: packed in cardboard, Color of the spring lever: orange

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## MSTBT 2,5 HC/ 4-STP GY7035 - PCB connector

2200332

<https://www.phoenixcontact.com/us/products/2200332>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 16 A (see derating curve), rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBT 2,5 HC/...-STP, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5 HC, locking: without, mounting: without, type of packaging: packed in cardboard

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## GMSTBT 2,5 HV/3-ST-7,25 GY7035 - PCB connector

2199553

<https://www.phoenixcontact.com/us/products/2199553>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: gray, nominal current: 16 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: GMSTBT 2,5 HV/...-ST, pitch: 7.25 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, locking: without, mounting: without, type of packaging: packed in cardboard

# ME MAX 45 F G 3-3 KMGY - Electronics housing



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## MSTBO 2,5/ 4-G1L KMGY AU - PCB header

1077607

<https://www.phoenixcontact.com/us/products/1077607>



PCB headers, color: light gray, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/...-G1L Au, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

## MSTBO 2,5/ 4-G1R KMGY AU - PCB header

1077608

<https://www.phoenixcontact.com/us/products/1077608>



PCB headers, color: light gray, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/...-G1R Au, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## MSTBO 2,5/ 4-G1L THRR44 BK AU - PCB header

1077613

<https://www.phoenixcontact.com/us/products/1077613>



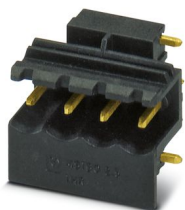
PCB headers, color: black, contact connection type: Pin, number of positions: 4, product range: MSTBO 2,5/..-G1L THR Au, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, type of packaging: 44 mm wide tape, Product with pin output on left side

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## MSTBO 2,5/ 4-G1R THRR44 BK AU - PCB header

1077614

<https://www.phoenixcontact.com/us/products/1077614>



PCB headers, color: black, contact connection type: Pin, number of positions: 4, product range: MSTBO 2,5/..-G1R THR Au, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, type of packaging: 44 mm wide tape, Product with pin output on right side

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## Accessories

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## ME FE-CONTACT - Functional ground contact

2908294

<https://www.phoenixcontact.com/us/products/2908294>



DIN rail housing, FE contact with soldering lug, width: 5 mm, height: 15.25 mm, depth: 9.5 mm

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## ME MAX B-22,5 KMGY - Filler plug

2707929

<https://www.phoenixcontact.com/us/products/2707929>



DIN rail housing, Filler plug for unoccupied terminal points, width: 20 mm, height: 21.6 mm, depth: 8.1 mm, color: light gray (similar RAL 7035)



# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

2202313

<https://www.phoenixcontact.com/us/products/2202313>



Multiple light guides, passive, rigid, Cylinder head, Emission surface: planar, Number of displays: 1, (1 row, 1 column), pitch: 5.08 mm, ESD protection: <10 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202314

<https://www.phoenixcontact.com/us/products/2202314>



Single light guide, passive, rigid, Rectangular, straight, Emission surface: planar, Number of displays: 1, (1 row, 1 column), ESD protection: <10 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

2202315

<https://www.phoenixcontact.com/us/products/2202315>



Multiple light guides, passive, rigid, Cylinder head, Emission surface: planar, Number of displays: 2, (2 rows, 1 column), pitch: 5.08 mm, ESD protection: <5 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202316

<https://www.phoenixcontact.com/us/products/2202316>



Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 2, (2 rows, 1 column), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

2202317

<https://www.phoenixcontact.com/us/products/2202317>



Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 4, (2 rows, 2 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202318

<https://www.phoenixcontact.com/us/products/2202318>



Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 10, (2 rows, 5 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

2202319

<https://www.phoenixcontact.com/us/products/2202319>

Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 20, (2 rows, 10 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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## HS LC-H-D2/ R4XC2-2,54 - Fiber optic

2202320

<https://www.phoenixcontact.com/us/products/2202320>

Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 8, (4 rows, 2 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## HS LC-H-D2/ R4XC5-2,54 - Fiber optic

2202321

<https://www.phoenixcontact.com/us/products/2202321>



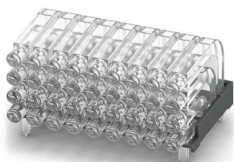
Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 20, (4 rows, 5 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC9-2,54 - Fiber optic

2202322

<https://www.phoenixcontact.com/us/products/2202322>



Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 36, (4 rows, 9 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

## ME MAX 45 F G 3-3 KMGY - Electronics housing

2869391

<https://www.phoenixcontact.com/us/products/2869391>



### HS LC-H-D2/ R4XC10-2,54 - Fiber optic

2202323

<https://www.phoenixcontact.com/us/products/2202323>



Multiple light guides with glare protection, passive, rigid, Raised head, Emission surface: spherical, Number of displays: 40, (4 rows, 10 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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### ME BUS FE CONTACT - Functional ground contact

2278076

<https://www.phoenixcontact.com/us/products/2278076>



DIN rail housing, FE contact, width: 5 mm, height: 15.25 mm, depth: 9.5 mm

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

1036658

<https://www.phoenixcontact.com/us/products/1036658>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 2, (2 rows, 1 column), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1043044

<https://www.phoenixcontact.com/us/products/1043044>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 4, (2 rows, 2 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

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

1071310

<https://www.phoenixcontact.com/us/products/1071310>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 10, (2 rows, 5 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

1071314

<https://www.phoenixcontact.com/us/products/1071314>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 20, (2 rows, 10 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## HS LC-H-D2C/ R4XC2-2,54 - Fiber optic

1071316

<https://www.phoenixcontact.com/us/products/1071316>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 8, (4 rows, 2 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC5-2,54 - Fiber optic

1071318

<https://www.phoenixcontact.com/us/products/1071318>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 20, (4 rows, 5 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## HS LC-H-D2C/ R4XC9-2,54 - Fiber optic

1071321

<https://www.phoenixcontact.com/us/products/1071321>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 36, (4 rows, 9 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC10-2,54 - Fiber optic

1071329

<https://www.phoenixcontact.com/us/products/1071329>



Multiple light guides with glare protection, passive, rigid, Raised head, conical, Emission surface: spherical, Number of displays: 40, (4 rows, 10 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 45 F G 3-3 KMGY - Electronics housing

2869391

<https://www.phoenixcontact.com/us/products/2869391>



## ME MF 17,5 - Base latch

2908281

<https://www.phoenixcontact.com/us/products/2908281>

Metal foot catch with spring, for intermediate elements.

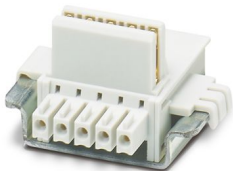


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## ME 22,5 TBUS 1,5/4P1S KMGY - DIN rail bus connectors

2201732

<https://www.phoenixcontact.com/us/products/2201732>



DIN rail connector, color: light gray, nominal current: 8 A, 8 A (parallel contacts) (Serial contacts), rated voltage (III/2): 50 V, number of positions: 5, product range: TBUS5-22,5.., pitch: 3.81 mm, mounting: DIN rail mounting, locking: without, mounting: without, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 4 parallel contacts/1 serial contact

# ME MAX 45 F G 3-3 KMGY - Electronics housing



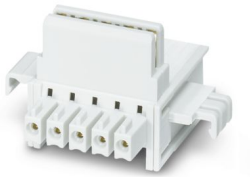
2869391

<https://www.phoenixcontact.com/us/products/2869391>

## ME 22,5 TBUS 1,5/ 5-ST-3,81 KMGY - DIN rail bus connectors

2713722

<https://www.phoenixcontact.com/us/products/2713722>



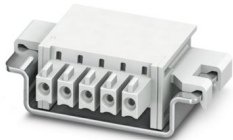
DIN rail connector, color: light gray, nominal current: 8 A (parallel contacts), rated voltage (III/2): 125 V, number of positions: 5, product range: TBUS5-22,5..., pitch: 3.81 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 5 parallel contacts

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## ME 22,5 TBUS ADAPTER KMGY - DIN rail bus connectors

2201756

<https://www.phoenixcontact.com/us/products/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)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## PCO 22,5-L KMGY - Power connector

2201685

<https://www.phoenixcontact.com/us/products/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.

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## ME MAX TBUS BS KMGY - Filler plug

2199650

<https://www.phoenixcontact.com/us/products/2199650>



DIN rail housing, Filler plugs for TBUS recess, width: 5.8 mm, height: 30 mm, depth: 6.6 mm, color: light gray (similar RAL 7035)

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## E/ME TBUS NS35 GY - End bracket

2713780

<https://www.phoenixcontact.com/us/products/2713780>

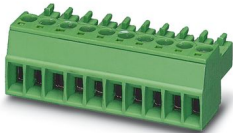


End clamp, stable construction for DIN rail bus connector

## MC 1,5/ 5-ST-3,81 AU - PCB connector

1860883

<https://www.phoenixcontact.com/us/products/1860883>



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MC 1,5/-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, pin layout: Linear three-way pinning, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## IMC 1,5/ 5-ST-3,81 - PCB connector

1857919

<https://www.phoenixcontact.com/us/products/1857919>



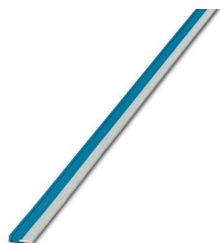
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: IMC 1,5/...-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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## PBR 42A BU - Cross connection

2201916

<https://www.phoenixcontact.com/us/products/2201916>



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

# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## PBR 42A GY - Cross connection

2201917

<https://www.phoenixcontact.com/us/products/2201917>



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

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## PBR 42A RD - Cross connection

2201915

<https://www.phoenixcontact.com/us/products/2201915>



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



# ME MAX 45 F G 3-3 KMGY - Electronics housing



2869391

<https://www.phoenixcontact.com/us/products/2869391>

## ME-SAS - Shield connection clamp

2853899

<https://www.phoenixcontact.com/us/products/2853899>

Shield connection clamp for terminal points starting from 2.5 mm<sup>2</sup>



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## CR MSTBO-G1 - Coding section

2199618

<https://www.phoenixcontact.com/us/products/2199618>

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



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