

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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DIN rail housing, Complete housing with metal foot catch, tall design, with vents, width: 22.6 mm, height: 99 mm, depth: 113.65 mm, color: blue (similar RAL 5015), 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                          | 2201117       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 200 pc        |
| Sales key                            | *****         |
| Product key                          | ACHABA        |
| GTIN                                 | 4046356725873 |
| Weight per piece (including packing) | 65.61 g       |
| Weight per piece (excluding packing) | 48.765 g      |
| Customs tariff number                | 85389099      |
| Country of origin                    | DE            |

## Technical data

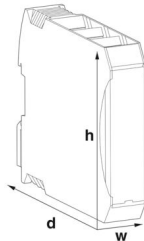
### Notes

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Assembly note  | Please observe the application note 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 22,5..                                       |
| Number of positions          | 18                                                  |
|                              | 30                                                  |
| Max. number of positions     | 30 (pitch: 3.5 mm)                                  |
|                              | 24 (pitch: 5 mm)                                    |
|                              | 18 (pitch: 7.25 mm/7.5 mm)                          |
| Number of rows               | 3                                                   |
|                              | 3                                                   |
| Type                         | Complete housing with metal foot catch, tall design |
| Ventilation openings present | yes                                                 |

### Dimensions

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| Width                           | 22.6 mm                                                                             |
| Height                          | 99 mm                                                                               |
| Depth                           | 113.65 mm                                                                           |
| Depth from top edge of DIN rail | 107 mm                                                                              |

### PCB design

|               |                   |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

### Material specifications

|                                        |                 |
|----------------------------------------|-----------------|
| Color (Housing)                        | blue (RAL 5015) |
| Flammability rating according to UL 94 | V0              |
| CTI according to IEC 60112             | 600             |
| Housing material                       | PA              |

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|                         |           |
|-------------------------|-----------|
| 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   | 6.1 W    |

### Power dissipation single housing for 30 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 30 °C    |
| Reduction factor    | 0.91     |
| Mounting position   | vertical |
| Power dissipation   | 5.55 W   |

### Power dissipation single housing for 40 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 40 °C    |
| Reduction factor    | 0.81     |
| Mounting position   | vertical |
| Power dissipation   | 4.9 W    |

### Power dissipation single housing for 50 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 50 °C    |
| Reduction factor    | 0.7      |
| Mounting position   | vertical |
| Power dissipation   | 4.3 W    |

### Power dissipation single housing for 60 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 60 °C    |
| Reduction factor    | 0.57     |
| Mounting position   | vertical |
| Power dissipation   | 3.5 W    |

### Power dissipation single housing for 70 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 70 °C    |
| Reduction factor    | 0.49     |
| Mounting position   | vertical |
| Power dissipation   | 3 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) |
| Acceleration           | 2g (58.1 Hz ... 150 Hz)     |
| Test duration per axis | 2.5 h                       |

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|                 |                   |
|-----------------|-------------------|
| Test directions | X-, Y- and Z-axis |
|-----------------|-------------------|

## Glow-wire test

|                  |                        |
|------------------|------------------------|
| Specification    | IEC 60695-2-11:2014-02 |
| Temperature      | 850 °C                 |
| Time of exposure | 30 s                   |

## 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 |
|---------------|---------------------------------------------------|

## 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 | 1                 |
| Type of PCB mount     | Latching          |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm |

## Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

## 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/in/products/2201117>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190101 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001031 |
|----------|----------|

### 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

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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, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

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

2278351

<https://www.phoenixcontact.com/in/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, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

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

2200325

<https://www.phoenixcontact.com/in/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, 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

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

2200326

<https://www.phoenixcontact.com/in/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, 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

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

2199663

<https://www.phoenixcontact.com/in/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 surface: Sn, 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 advanced, Pin connector pattern alignment: Orthogonal, locking: without, mounting method: without, 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/in/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 surface: Sn, 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 advanced, Pin connector pattern alignment: Orthogonal, locking: without, mounting method: without, 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/in/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, Pin connector pattern alignment: Orthogonal, 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/in/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, Pin connector pattern alignment: Orthogonal, 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

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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, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

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

2907787

<https://www.phoenixcontact.com/in/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, Pin connector pattern alignment: Orthogonal, 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/in/products/2278393>



Printed circuit board terminal, 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/in/products/2278416>



Printed circuit board terminal, 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/in/products/2908485>



Printed circuit board terminal, 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/in/products/2908472>



Printed circuit board terminal, 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/in/products/2890946>



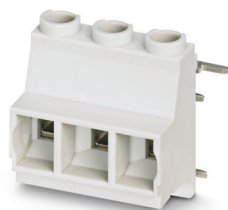
Printed circuit board terminal, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of rows: 1, number of positions per row: 3, product range: MKDSO 2,5 HV/...-L, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, mounting: Wave 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/in/products/2890959>



Printed circuit board terminal, 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/in/products/2200319>



Printed circuit board terminal, 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/in/products/2200320>



Printed circuit board terminal, 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/in/products/2201128>



Printed circuit board terminal, 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/in/products/2201129>



Printed circuit board terminal, 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

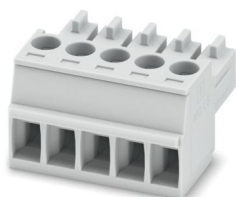
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## MC 1,5/ 5-ST-3,5 GY7035 - PCB connector

1769087

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



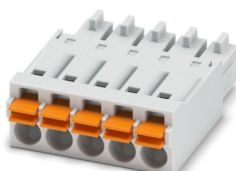
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MC 1,5/...-ST, 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 method: 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/in/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 method: without, type of packaging: packed in cardboard

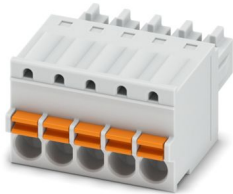
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## FK-MCP 1,5/ 5-ST-3,5 GY7035 - PCB connector

1773604

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



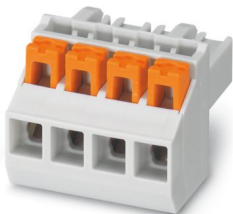
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: FK-MCP 1,5/...-ST, 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 method: without, type of packaging: packed in cardboard

---

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

2202344

<https://www.phoenixcontact.com/in/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 method: without, type of packaging: packed in cardboard, Color of the spring lever: orange

2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2200332

<https://www.phoenixcontact.com/in/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 method: without, type of packaging: packed in cardboard

---

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

2199553

<https://www.phoenixcontact.com/in/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, plug-in system: COMBICON MSTB 2,5 advanced, locking: without, mounting method: without, type of packaging: packed in cardboard

2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1077607

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



PCB headers, color: light gray, contact surface: Au, 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/in/products/1077608>



PCB headers, color: light gray, contact surface: Au, 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

2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1077613

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



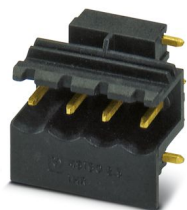
PCB headers, color: black, contact surface: Au, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/..-G1L THR Au, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: 44 mm wide tape, Product with pin output on left side

---

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

1077614

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



PCB headers, color: black, contact surface: Au, contact connection type: Pin, number of rows: 1, 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, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: 44 mm wide tape, Product with pin output on right side

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## Accessories

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

## ME FE-CONTACT - Functional ground contact

2908294

<https://www.phoenixcontact.com/in/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/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202313

<https://www.phoenixcontact.com/in/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)

---

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

2202314

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202315

<https://www.phoenixcontact.com/in/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/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202317

<https://www.phoenixcontact.com/in/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)

---

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

2202318

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202319

<https://www.phoenixcontact.com/in/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)

---

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

2202320

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202321

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



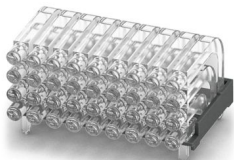
Multiple light guides with glare protection, passive, rigid, Raised head, emission surface: spherical, number of displays: 20, (4 rows, 5 columns), pitch: 2.54 mm, ESD protection: <8 kV, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

2202322

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2202323

<https://www.phoenixcontact.com/in/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)

---

## ME BUS FE CONTACT - Functional ground contact

2278076

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



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

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1036658

<https://www.phoenixcontact.com/in/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)

---

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

1043044

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1071310

<https://www.phoenixcontact.com/in/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)

---

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

1071314

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1071316

<https://www.phoenixcontact.com/in/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)

---

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

1071318

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1071321

<https://www.phoenixcontact.com/in/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)

---

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

1071329

<https://www.phoenixcontact.com/in/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 22,5 3-3 BU - Electronics housing

2201117

<https://www.phoenixcontact.com/in/products/2201117>



### ME MF 17,5 - Base latch

2908281

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

Metal foot catch with spring, for intermediate elements.

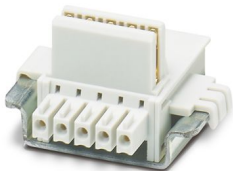


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### ME 22,5 TBUS 1,5/4P1S KMGY - DIN rail bus connectors

2201732

<https://www.phoenixcontact.com/in/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 method: without, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 4 parallel contacts/1 serial contact

# ME MAX 22,5 3-3 BU - Electronics housing



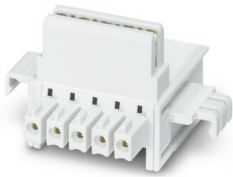
2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2713722

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



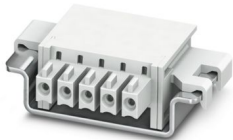
DIN rail connector, color: light gray, nominal current: 8 A (parallel contacts), rated voltage (III/2): 125 V, number of positions: 5, product range: TBUS5-22,5..., pitch: 3.81 mm, mounting: DIN rail mounting, locking: without, mounting method: without, type of packaging: packed in cardboard, Item with 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/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

2201685

<https://www.phoenixcontact.com/in/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/in/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 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

## E/ME TBUS NS35 GY - End bracket

2713780

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



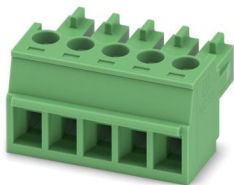
End clamp, stable construction for DIN rail bus connector

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

1860883

<https://www.phoenixcontact.com/in/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 method: without, type of packaging: packed in cardboard

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

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

1857919

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



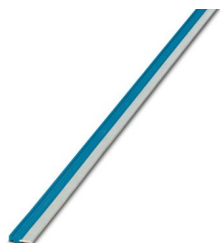
PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: IMC 1,5/...-ST, pitch: 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 method: without, type of packaging: packed in cardboard

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## PBR 42A BU - Cross connection

2201916

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



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

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

## PBR 42A GY - Cross connection

2201917

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



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

# ME MAX 22,5 3-3 BU - Electronics housing



2201117

<https://www.phoenixcontact.com/in/products/2201117>

## ME-SAS - Shield connection clamp

2853899

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

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



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