# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

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 grey (7031), 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 | 2201584 |
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| Note | Made to order (non-returnable) |
| Sales key | AC08 |
| Product key | ACHABA |
| GTIN | 4046356868938 |
| Weight per piece (including packing) | 65.3 g |
| Weight per piece (excluding packing) | 49.225 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

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## Technical data

### Notes

| | |
|---|---|
| General | Refer to the data sheet for the range in the download area. |
| General | Material of contact pads for bus connector, galvanic gold (hard gold) |

### Product properties

| | |
|---|---|
| Product type | Complete housing |
| Product family | ME MAX...2-2 |
| Max. number of positions | 20 (pitch: 3.5 mm) |
| | 16 (pitch: 5 mm) |
| | 12 (pitch: 7.25 mm/7.5 mm) |
| Number of rows | 2 |
| Type | Complete housing with metal foot catch, tall design |
| Housing type | DIN rail housing |
| Ventilation openings present | yes |
| Housing series | ME-MAX |

### 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 | blue grey (7031) |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |
| Surface characteristics | untreated |
| Housing material | Polyamide |

### Environmental and real-life conditions

Power dissipation single housing for 20 °C

| | |
|---|---|
| Ambient temperature | 20 °C |
| Reduction factor | 1 |
| Mounting position | vertical |
| Power dissipation | 5.7 W |

Power dissipation single housing for 30 °C

| | |
|---|---|
| Ambient temperature | 30 °C |
| Reduction factor | 0.91 |
| Mounting position | vertical |
| Power dissipation | 5.2 W |

Power dissipation single housing for 40 °C

| | |
|---|---|
| Ambient temperature | 40 °C |
| Reduction factor | 0.81 |
| Mounting position | vertical |
| Power dissipation | 4.6 W |

Power dissipation single housing for 50 °C

| | |
|---|---|
| Ambient temperature | 50 °C |
| Reduction factor | 0.7 |
| Mounting position | vertical |
| Power dissipation | 4 W |

Power dissipation single housing for 60 °C

| | |
|---|---|
| Ambient temperature | 60 °C |
| Reduction factor | 0.57 |
| Mounting position | vertical |
| Power dissipation | 2.25 W |

Power dissipation single housing for 70 °C

| | |
|---|---|
| Ambient temperature | 70 °C |
| Reduction factor | 0.49 |
| Mounting position | vertical |
| Power dissipation | 2.8 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 |
| 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 |

**Thermal stability / ball thrust test**

| Specification | IEC 60695-10-2:2014-02 |
|---|---|
| Temperature | 125 °C |
| Test duration | 1 h |
| Force | 20 N |

**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

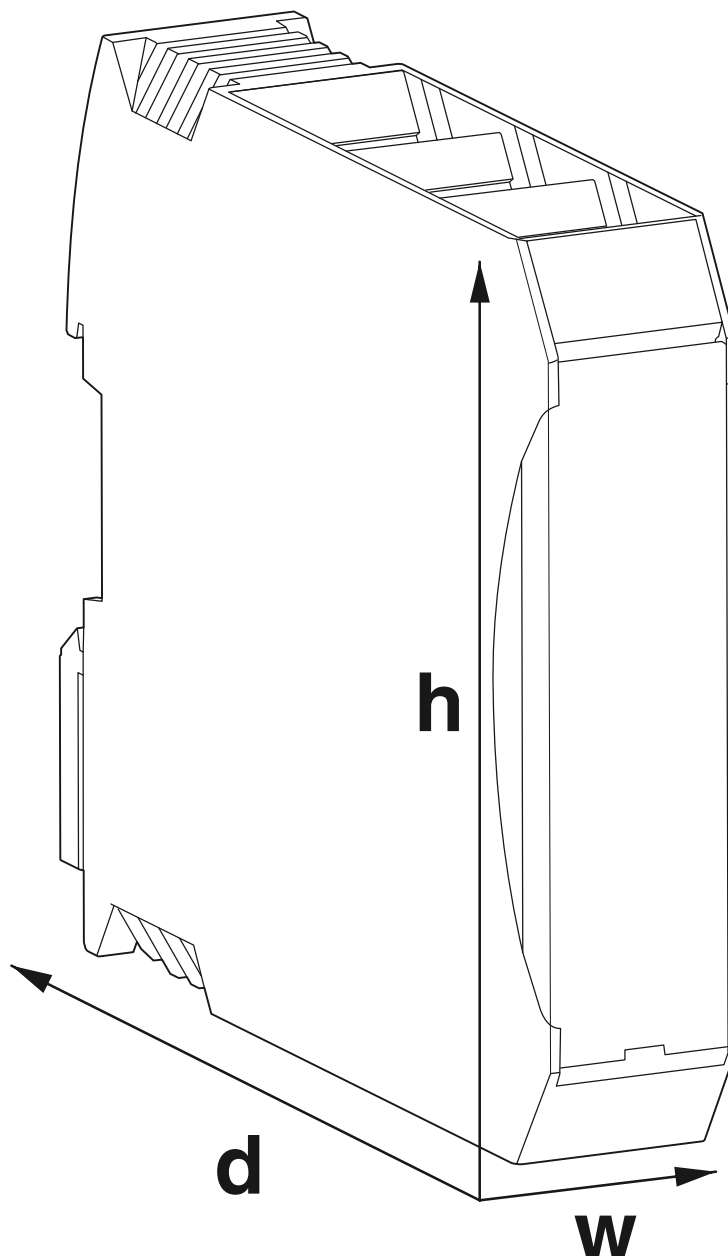| Number of PCB holders | 1 |
|---|---|
| Type of PCB mount | Latching |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

## Mounting

| Mounting type | DIN rail mounting |
|---|---|
| Mounting position | Vertical (horizontal DIN rail) |

## Packaging specifications

| Type of packaging | packed in cardboard |
|---|---|
| Outer packaging type | Carton |

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## Drawings

### Dimensional drawing

h

d

w

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.

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2201584

**UL Recognized**
Approval ID: FILE E 240868

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 8.0 | EC001031 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31261500 |

## Environmental product compliance

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

## 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$^2$, color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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, 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$^2$, color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

# ME MAX 22,5 2-2 BUGY - Electronic housing

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https://www.phoenixcontact.com/us/products/2201584

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

2200325

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

PCB headers, nominal cross section: 2.5 mm$^2$, color: light grey, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 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, 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$^2$, color: light grey, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, 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, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

# ME MAX 22,5 2-2 BUGY - Electronic housing

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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$^2$, 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


## 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$^2$, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

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https://www.phoenixcontact.com/us/products/2201584

## 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$^2$, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, 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

## 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$^2$, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

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https://www.phoenixcontact.com/us/products/2201584

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

2907774

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

PCB headers, nominal cross section: 2.5 mm$^2$, color: light grey, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, 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$^2$, color: light grey, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, 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/..-G1R, pitch: 5 mm, connection method: pluggable, 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 right side

# ME MAX 22,5 2-2 BUGY - Electronic housing

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https://www.phoenixcontact.com/us/products/2201584

## 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$^2$, 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 grey, 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

## 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$^2$, 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 grey, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

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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$^2$, 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 grey, 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

## 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$^2$, 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 grey, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

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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$^2$, 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 grey, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1. Product with pin output on left side

## 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$^2$, 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 grey, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1. Product with pin output on right side

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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$^2$, 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 grey, 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

## 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$^2$, 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 grey, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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 $mm^2$, 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 grey, 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

## 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 $mm^2$, 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 grey, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

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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$^2$, color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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

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

1773581

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

PCB connector, nominal cross section: 1.5 mm$^2$, color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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 MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

# ME MAX 22,5 2-2 BUGY - Electronic housing

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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$^2$, color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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

## PSPT 2,5/ 4-ST KMGY - Printed-circuit board connector

2202344

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



PCB connector, nominal cross section: 2.5 mm$^2$, color: light grey, nominal current: 16 A, rated voltage (III/2): 300 V, contact surface: Tin, 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

# ME MAX 22,5 2-2 BUGY - Electronic housing

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https://www.phoenixcontact.com/us/products/2201584

## MSTBT 2,5 HC/ 4-STP GY7035 - Printed-circuit board connector

2200332

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

PCB connector, nominal cross section: 2.5 mm$^2$, color: light grey, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of rows: 1, number of positions: 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

## GMSTBT 2,5 HV/3-ST-7,25 GY7035 - Printed-circuit board connector

2199553

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

PCB connector, nominal cross section: 2.5 mm$^2$, color: light grey, nominal current: 16 A, rated voltage (III/2): 1000 V, contact surface: Tin, contact connection type: Socket, number of rows: 1, number of positions: 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 22,5 2-2 BUGY - Electronic housing

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

PCB headers, color: light grey, contact surface: Gold, 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

PCB headers, color: light grey, contact surface: Gold, 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

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

1077613

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

PCB headers, color: black, contact surface: Gold, 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, Article with lateral pin exit

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

1077614

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

PCB headers, color: black, contact surface: Gold, 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

# Accessories

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, color: silver

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

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 grey (7035)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

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

2202313

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

Multiple light guides, passive, rigid, 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/us/products/2202314

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

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

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

2202315

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

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

## 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, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/2202318

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/2202320

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

## 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, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/2278076

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

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/1043044

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/1071314

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/1071318

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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, 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/us/products/1071329

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## ME MF 17,5 - Base latch

2908281

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

Metal foot catch with spring, for intermediate elements.

## 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 grey, nominal current: 8 A, 8 A (parallel contacts) (Serial contacts), rated voltage (III/2): 50 V, number of positions: 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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 grey, nominal current: 8 A (parallel contacts), rated voltage (III/2): 125 V, contact surface: Gold, number of positions: 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

## 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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.

## ME MAX TBUS BS KMGY - Filler plugs

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 grey (7035)

# ME MAX 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## E/ME TBUS NS35 GY - End clamp

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$^2$, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Gold, 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

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

1857919

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

PCB connector, nominal cross section: 1.5 mm$^2$, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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

## 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## 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)

## 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 22,5 2-2 BUGY - Electronic housing

2201584

https://www.phoenixcontact.com/us/products/2201584

## ME-SAS - Shield connection clamp

2853899

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

Shield connection clamp for terminal points starting from 2.5 mm$^2$

## 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