

Upper part of housing - ME 17,5 OT-MSTBO BK - 2909617

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DIN rail housing, Upper housing part for connectors with header, width: 17.6 mm, color: black (9005)




Your advantages

- ✔ Item is from the ME product range
- ✔ Tool-free mounting
- ✔ Available in overall widths from 12.5 mm to 90 mm, modular extension is possible
- ✔ Inflammability class V0 according to UL 94
- ✔ Variety of connection technologies
- ✔ Can be mounted on the DIN rail
- ✔ Optional bus connector that is either integrated or mounted on the DIN rail



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 405175 |
| GTIN | 4017918405175 |
| Weight per Piece (excluding packing) | 9.600 g |
| Custom tariff number | 85472000 |
| Country of origin | Germany |

Technical data

Item properties

| | |
|---------------------------|-----------------------|
| Brief article description | Upper part of housing |
| Type | ME 17,5 OT-MSTBO BK |
| Order No. | 2909617 |

Upper part of housing - ME 17,5 OT-MSTBO BK - 2909617

Technical data

Item properties

| | |
|--------------------------|---|
| Housing type | DIN rail housing |
| Type | Upper housing part for connectors with header |
| Max. IP code to attain | IP20 |
| Mounting type | Latching with lower housing part |
| Connection levels | 2 (Both sides) |
| Max. number of positions | 16 (pitch: 3.5 mm) |
| | 12 (pitch: 5 mm) |
| | 8 (pitch: 7.25 mm) |

Dimensions

| | |
|-------------------------------------|----------|
| Width [w] | 17.6 mm |
| Height [h] | 99 mm |
| Depth [d] | 45.85 mm |
| Depth from base support surface [d] | 38.5 mm |

Material data

| | |
|--|--------------|
| Color (RAL) | black (9005) |
| Flammability rating according to UL 94 | V0 |
| Housing material | Polyamide |

Ambient conditions

| | |
|---|--|
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
| Relative humidity (storage/transport) | 80 % |

PCB data

| | |
|-----------------------|--------------------------------|
| Number of PCB holders | 1 |
| PCB thickness | 1.4 mm ... 1.8 mm |
| Mounting position | Vertical (horizontal DIN rail) |
| Type of PCB mount | Latching |

Mechanical strength/tumbling barrel

| | |
|-----------------------|---------------------|
| Specification | IEC 60998-1:2002-12 |
| Height of fall | 50 cm |
| Number of drop cycles | 10 |

Vibration test

| | |
|---------------|-----------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 150 - 10 Hz |
| Sweep speed | 1 octave/min |

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Vibration test

| | |
|------------------------|------------------------|
| Amplitude | 0.15 mm (10 - 58.1 Hz) |
| Acceleration | 2g (58.1 - 150 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Shock

| | |
|--------------------------------|-----------------------------------|
| 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.) |

Thermostability (Ball Thrust Test)

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

Test for assessing the risk of fire (glow wire)

| | |
|------------------|---|
| Specification | DIN EN 60695-2-11 (VDE 0471-2-11):2014-11 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

Degrees of protection provided by housings (IP code)

| | |
|---------------------------------------|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP20 |

General information

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

Packaging information

| | |
|----------------------------|---------------------|
| Type of packaging | packed in cardboard |
| Pieces per package | 100 |
| Denomination packing units | Pcs. |
| Outer packaging type | Carton |

Standards and regulations

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Technical data

Standards and regulations

| | |
|--|-----|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27180400 |
| eCl@ss 4.1 | 27180400 |
| eCl@ss 5.0 | 27180500 |
| eCl@ss 5.1 | 27180500 |
| eCl@ss 6.0 | 27180800 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27182702 |
| eCl@ss 9.0 | 27182702 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC001031 |
| ETIM 5.0 | EC001031 |
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

Approvals

Approvals

Upper part of housing - ME 17,5 OT-MSTBO BK - 2909617

Approvals

Approvals

cUL Recognized / EAC / null / null / null / null / null / null / null / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|--|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| Nominal voltage UN | | 300 V | |
| Nominal current IN | | 10 A | |
| mm ² /AWG/kcmil | | 30-12 | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

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| cULus Recognized | |
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Accessories

Accessories

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Accessories

Fiber optic

Fiber optic - HS LC-H-D3/ R1XC1 - 2202313



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

Fiber optic - HS LC-H-5X2/ R1XC1 - 2202314



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

Fiber optic - HS LC-H-D3/ R2XC1-5,08 - 2202315



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

Fiber optic - HS LC-H-D2/ R2XC1-2,54 - 2202316



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

Fiber optic - HS LC-H-D2/ R2XC2-2,54 - 2202317



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

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Accessories

Fiber optic - HS LC-H-D2/ R2XC5-2,54 - 2202318



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

Fiber optic - HS LC-H-D2/ R2XC10-2,54 - 2202319



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

Fiber optic - HS LC-H-D2C/ R2XC1-2,54 - 1036658



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

Fiber optic - HS LC-H-D2C/ R2XC2-2,54 - 1043044



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

Fiber optic - HS LC-H-D2C/ R2XC5-2,54 - 1071310



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

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Accessories

Fiber optic - HS LC-H-D2C/ R2XC10-2,54 - 1071314



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

Filler plug

Filler plugs - ME B-17,5 MSTBO BK - 2909620



DIN rail housing, Filler plug for unoccupied terminal points, color: black (9005)

Mounting material

Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Shield connection clamp - ME-SAS MINI - 2200456



Shield connection clamp for printed circuit terminal block

Necessary add-on products

Upper part of housing - ME 17,5 OT-MSTBO BK - 2909617

Accessories

Feed-through header - MCO 1,5/ 4-G1R-3,5 KMGY - 2278377



PCB headers, number of positions: 4, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

Feed-through header - MCO 1,5/ 4-G1L-3,5 KMGY - 2278364



PCB headers, number of positions: 4, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 - 1840382



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 BK AU - 1835244



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Gold

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 YE - 1703434



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: yellow, contact surface: Tin

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Accessories

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 GY7035 - 1769074



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 BU - 1724310



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: blue, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 GY - 1747559



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: gray, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 4-ST-3,5 AU - 1845086



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 - 1952283



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 GY AU - 1746631



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Gold

Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 BK - 1704999



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 GY - 1711257



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 4-ST-3,5 GY7035 - 1773578



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 - 1939934



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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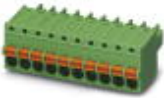
Accessories

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 GY7035 - 1773594



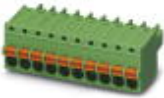
PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 AU - 1708286



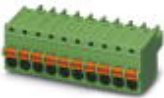
PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 VPE1000 - 1703939



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 4-ST-3,5 BK - 1800272



PCB connector, nominal current: 8 A, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Feed-through header - MSTBO 2,5/ 3 G1L THRR44 BK AU - 1077611



PCB headers, number of positions: 3, pitch: 5 mm, color: black, Article with lateral pin exit

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Accessories

Feed-through header - MSTBO 2,5/ 3 G1R THRR44 BK AU - 1077612



PCB headers, number of positions: 3, pitch: 5 mm, color: black, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 3 G1L THRR44 BK - 2915216



PCB headers, number of positions: 3, pitch: 5 mm, color: black

Feed-through header - MSTBO 2,5/ 3 G1R THRR44 BK - 2915229



PCB headers, number of positions: 3, pitch: 5 mm, color: black

Feed-through header - MSTBO 2,5/ 3-G1L KMGY AU - 1077605



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 3-G1R KMGY AU - 1077606



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1L KMGY - 2853750



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 3-G1PR GY7035 - 2200329



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 3-G1PL GY7035 - 2200328



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 3-G1R - 1861031



PCB headers, number of positions: 3, pitch: 5 mm, color: green, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 3-G1R KMGY - 2853763



PCB headers, number of positions: 3, pitch: 5 mm, color: light gray

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1R LBGY - 2200382



PCB headers, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 3-G1L - 1861028



PCB headers, number of positions: 3, pitch: 5 mm, color: green, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 3-G1L YE - 2200111



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L OG - 2200371



PCB headers

Feed-through header - MSTBO 2,5/ 3-G1L GYWH - 2278487



PCB headers, number of positions: 3, pitch: 5 mm

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1R YE - 2200110



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L RD - 2695918



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1R OG - 2200377



PCB headers

Feed-through header - MSTBO 2,5/ 3-G1R GYWH - 2278490



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1R RD - 2278296



PCB headers, number of positions: 3, pitch: 5 mm

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1R BU - 2854733



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L GY - 2909549



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L BU - 2854720



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1R BK - 2909633



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L BK - 2909646



PCB headers, number of positions: 3, pitch: 5 mm

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Accessories

Feed-through header - MSTBO 2,5/ 3-G1R GY - 2909552



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1R BUGY - 2853158



PCB headers, number of positions: 3, pitch: 5 mm

Feed-through header - MSTBO 2,5/ 3-G1L BUGY - 2853145



PCB headers, number of positions: 3, pitch: 5 mm

Printed-circuit board connector - PSPT 2,5/ 3-ST KMGY - 2202345



PCB connector, number of positions: 3, pitch: 5 mm, color: light gray

Printed-circuit board connector - PSPT 2,5/ 3-ST BU - 1064204

PCB connector, number of positions: 3, pitch: 5 mm, color: blue

Printed-circuit board connector - PSPT 2,5/ 3-ST GY - 1064205

PCB connector, number of positions: 3, pitch: 5 mm, color: light gray

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Accessories

Printed-circuit board connector - PSPT 2,5/ 3-ST GYBN - 2200876

PCB connector, number of positions: 3, pitch: 5 mm, color: grey brown

Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP BK - 2200483



PCB connector, number of positions: 3, pitch: 5 mm, color: black

Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP GY7035 - 2200333



PCB connector, number of positions: 3, pitch: 5 mm, color: light gray

Printed-circuit board connector - MSTBT 2,5 HC/ 3-STP BU - 2203845



PCB connector, number of positions: 3, pitch: 5 mm, color: blue

Feed-through header - GMSTBO 2,5 HV/ 2-GL-7,25 THR - 2199867



PCB headers, number of positions: 2, pitch: 7.25 mm

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Accessories

Feed-through header - GMSTBO 2,5 HV/ 2-GL-7,25THRR32 - 2279703



PCB headers, number of positions: 2, pitch: 7.25 mm

Feed-through header - GMSTBO 2,5 HV/ 2-GR-7,25 THR - 2199760



PCB headers, number of positions: 2, pitch: 7.25 mm

Feed-through header - GMSTBO 2,5 HV/ 2-GR-7,25THRR32 - 2279606



PCB headers

Printed-circuit board connector - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757



PCB connector, number of positions: 2, pitch: 7.25 mm, color: light gray
