

MSTB 2,5/ 3-ST

Order No.: 1754465

The figure shows a 10-position version of the product



Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:
5.0 mm, no. of positions: 3, type of connection: Screw connection

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918028633 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.00534 KG |
| Catalog page information | Page 174 (CC-2007) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data

Dimensions / positions

| | |
|------------------------|--------|
| Pitch | 5 mm |
| Dimension a | 10 mm |
| Number of positions | 3 |
| Screw thread | M 3 |
| Tightening torque, min | 0.5 Nm |

Technical data

| | |
|------------------------------------|---|
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal voltage U_N | 250 V |
| Nominal cross section | 1 mm ² |
| Maximum load current | 12 A (with 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |

| | |
|---|----------------------|
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |

Certificates / Approvals

Approval logo



CSA

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 10 A |
| AWG/kcmil | 28-12 |

CUL

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 10 A |
| AWG/kcmil | 30-12 |

UL

| | |
|--------------------------------|---------------------------------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 10 A |
| AWG/kcmil | 30-12 |
| Certification | CB, CSA, CUL, GOST, UL, VDE-PZI |

Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

Bridges

| | | |
|---------|----------|---|
| 1733172 | EBP 3- 5 | Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 3 |
|---------|----------|---|

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|---------|-------------------|--|
| 1763045 | MDSTBV 2,5/ 3-G | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1736726 | MDSTBV 2,5/ 3-G1 | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1845798 | MDSTBVA 2,5/ 3-G | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1802427 | MDSTBW 2,5/ 3-G | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1754452 | MSTB 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1768192 | MSTB 2,5/ 3-G-LA | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1757488 | MSTBA 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1770494 | MSTBA 2,5/ 3-G-LA | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1753453 | MSTBV 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1755529 | MSTBVA 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1736108 | MSTBW 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1769243 | SMSTB 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |
| 1769816 | SMSTBA 2,5/ 3-G | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering |

Drawings

Dimensioned drawing

