

SMSTB 2,5/ 5-ST-5,08

Order No.: 1826319

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1826319>

Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4017918122065 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.00997 KG |
| Catalog page information | Page 177 (CC-2007) |

Product notesWEEE/RoHS-compliant since:
01/01/2003

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Technical data

| Dimensions / positions | |
|------------------------|----------|
| Height | 15.5 mm |
| Pitch | 5.08 mm |
| Dimension a | 20.32 mm |
| Number of positions | 5 |
| Screw thread | M 3 |

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|------------------------------------|---|
| 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 | 2.5 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 |

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| 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 |

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|---|----------------------|
| 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



CSA

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

CUL

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|--------------------------------|-------|
| 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 | CSA, CUL, GOST, UL |

Accessories

| Item | Designation | Description |
|--------------|-------------|--|
| Tools | | |
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |

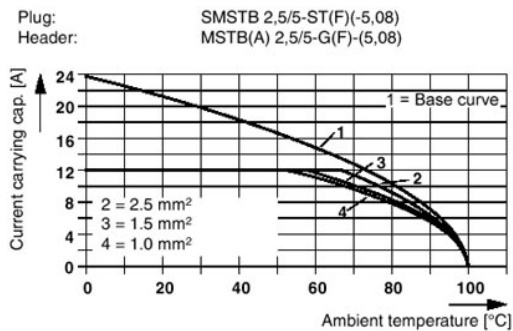
Additional products

| Item | Designation | Description |
|----------------|-------------------------|---|
| General | | |
| 1880339 | EMSTBA 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Press in |
| 1859548 | EMSTBVA 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm, no. of positions: 5, mounting: press in |
| 1873388 | FKIC 2,5/ 5-ST-5,08 | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection |
| 1823875 | ICC 2,5/ 5-STZ-5,08 | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection |
| 1842092 | MDSTBA 2,5/ 5-G-5,08 | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, number of positions: 5, mounting type: Soldering |
| 1770740 | MSTB 2,5/ 5-G-5,08-LA | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering |
| 1757271 | MSTBA 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering |
| 1770973 | MSTBA 2,5/ 5-G-5,08-LA | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering |
| 1788758 | MSTBVK 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail |
| 1788567 | MVSTBU 2,5/ 5-GB-5,08 | Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Direct mounting |
| 1769492 | SMSTB 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering |
| 1767407 | SMSTBA 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering |
| 3002034 | UK 3-MSTB-5,08 | Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: gray |
| 3002076 | UK 3-MVSTB-5,08 | Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 26 - 12, width: 5.1 mm, color: gray |
| 3002102 | UK 3-MVSTB-5,08-LA 24RD | Modular terminal block with plug entry, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA |
| 3002063 | UK 3-MVSTB-5,08/EK | Modular terminal blocks with plug entry, cross section: 0.2-2.5 mm ² , AWG: 26-12, width: 5.1 mm, color: blue |
| 3002131 | UK 3D-MSTBV-5,08 | Modular terminal blocks with vertical plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray |

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|---------|--------------------------|---|
| 3002144 | UK 3D-MSTBV-5,08-LA 24RD | Modular terminal block with vertical plug entry, color: Gray, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA |
| 3002173 | UK 3D-MSTBV-5,08/EK | Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: blue |
| 2770888 | UKK 3-MSTB-5,08 | Modular terminal blocks with 2 horizontal plug entries, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray |
| 1876615 | UKK 3-MSTB-5,08-PE | Ground terminal block, with 2 horizontal plug entries, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail. |
| 2770846 | UKK 3-MSTBVH-5,08 | Modular terminal blocks with vertical and horizontal plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray |
| 1788143 | UMSTBVK 2,5/ 5-G-5,08 | Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail |
| 1873016 | ZFKK 1,5-MSTBV-5,08 | Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm ² , width: 5.1 mm, color: gray |

Drawings

Diagram



Dimensioned drawing

