

GMSTB 2,5/ 8-STF-7,62

Order No.: 1858824

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1858824>

Plug component, Nominal current: 12 A, Nom. voltage: 400 V, Pitch:
7.62 mm, Number of positions: 8, Connection type: Screw connection,
Color: green

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918105891 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.01665 KG |
| Catalog page information | Page 267 (CC-2009) |

Product notes

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



<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

| | |
|---------------------|----------|
| Pitch | 7.62 mm |
| Dimension a | 53.34 mm |
| Number of positions | 8 |
| Screw thread | M3 |

| | |
|------------------------|--------|
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

| | |
|------------------------------------|---------------------|
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal voltage U_N | 400 V |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 12 A |
| 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 mm ² |

Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

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 |

Accessories

| Item | Designation | Description |
|---------------------|--------------------------|---|
| Marking | | |
| 0804549 | SK 7,62/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-99, sufficient for 120 terminal blocks |
| Plug/Adapter | | |
| 1734634 | CP-MSTB | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material |

Tools

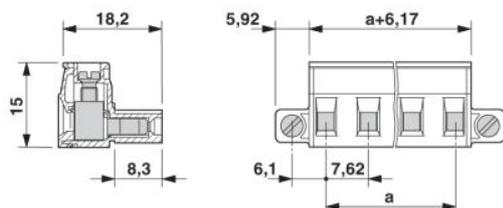
| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |
|---------|-------------|--|

Additional products

| Item | Designation | Description |
|----------------|-----------------------|---|
| General | | |
| 1849943 | GIC 2,5/ 8-STGF-7,62 | Plug component, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Connection type: Screw connection |
| 1806287 | GMSTB 2,5/ 8-GF-7,62 | Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Assembly: Soldering |
| 1829219 | GMSTBV 2,5/ 8-GF-7,62 | Header, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 7.62 mm, Number of positions: 8, Assembly: Soldering |

Diagrams/Drawings

Dimensioned drawing



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