Extract from the online catalog

# IC 2,5/ 3-STGF-5,08

Order No.: 1825514

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1825514

Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green

| Commercial data | |
|---|---|
| EAN | 4017918049676 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.006123 KG |
| Catalog page information | Page 209 (CC-2009) |

Product notes

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

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 General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Dimensions / positions

| | |
|---|---|
| Pitch | 5.08 mm |
| Dimension a | 10.16 mm |
| Number of positions | 3 |
| 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) | 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 mm² |
| 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 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 2.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| 2 conductors with same cross section, solid min. | 0.2 mm² |
| 2 conductors with same cross section, solid max. | 1 mm² |

| | |
|---|---|
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm² |

## Certificates / Approvals

| | |
|---|---|
| Certification | CB, CSA, CUL, GOST, UL, VDE-PZI |

**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 |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 1755477 | MSTB-BL | Keying cap, for forming sections, plugs onto header pin, green insulating material |

**General**

| | | |
|---|---|---|
| 1733169 | EBP 2- 5 | Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2 |
| 1852037 | IC-DFR 3 | accessories, Pitch: 5.08 mm, Number of positions: 3, Color: green |
| 1803947 | KGG-MSTB 2,5/ 3 | Cable housing, Number of positions: 3, Dimension a: 15 mm, Color: green |

**Marking**

| | | |
|---|---|---|
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |

**Plug/Adapter**

| | | |
|---|---|---|
| 1734401 | CR-MSTB | Coding section, inserted into the recess in the header or the inverted plug, red insulating material |

**Tools**

| | | |
|---|---|---|
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |

## Additional products

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

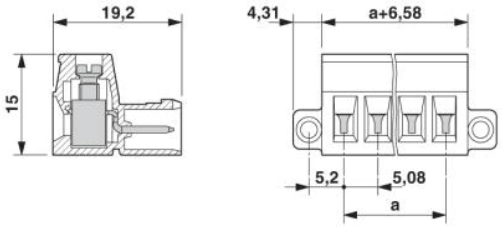
**General**

| | | |
|---|---|---|
| 1873210 | FKC 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1902314 | FKCT 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1874112 | FKCVR 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1873812 | FKCVW 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1777811 | FRONT-MSTB 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1777992 | MSTB 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |

| | | |
|---|---|---|
| 1809747 | MSTBC 2,5/ 3-STZF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Crimp connection, Color: green |
| 1805314 | MSTBT 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1835106 | MVSTBR 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1834916 | MVSTBW 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |
| 1883365 | QC 1/ 3-STF-5,08 | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green |
| 1853117 | TMSTBP 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green |

## Diagrams/Drawings

Dimensioned drawing



## Address

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