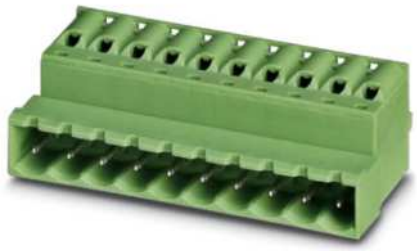
**Extract from the online catalog**

# FKIC 2,5/16-ST-5,08

Order No.: 1873498

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1873498

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 017918 142889 |
| sales group | E131 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 222 (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 | 76.2 mm |
| Number of positions | 16 |

**Technical data**

| | |
|---|---|
| Range of articles | FKIC 2,5/..-ST |
| 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 $U_N$ | 320 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 | A2 |
| Stripping length | 10 mm |
| Nominal voltage, UL/CUL Use Group B | 250 V |
| Nominal current, UL/CUL Use Group B | 10 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 10 A |

**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, 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 |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

## Certificates / Approvals

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

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 1876880 | STZ 8-FKC-5,08 | Strain relief for snapping into the latching chambers of the plug components, 8-pos. |
| 1876877 | STZ 4-FKC-5,08 | Strain relief for snapping into the latching chambers of the plugs, 4-pos. |
| **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 |
| 0201744 | MPS-MT | Test plugs |
| 0201647 | RPS | Reducing plug, Color: gray |
| **Tools** | | |
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |

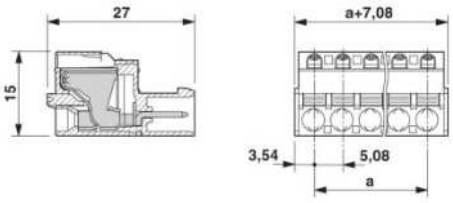
## Additional products

| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1873197 | FKC 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1902259 | FKCT 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1874099 | FKCVR 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1873799 | FKCVW 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1777426 | FRONT-MSTB 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1786543 | IC 2,5/16-G-5,08 | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1786080 | ICV 2,5/16-G-5,08 | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1757158 | MSTB 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1764248 | MSTB 2,5/16-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1808955 | MSTBC 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte |
| 1809640 | MSTBC 2,5/16-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte |

| | | |
|---|---|---|
| 1769159 | MSTBP 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1781124 | MSTBT 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1824269 | MSTBU 2,5/16-STD-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting |
| 1831456 | MSTBVK 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail |
| 1792388 | MVSTBR 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1792896 | MVSTBW 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1883844 | QC 1/16-ST-5,08 | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1826429 | SMSTB 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1833959 | UMSTBVK 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail |
| 1873029 | ZFKK 1,5-ICV-5,08 | Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 2.5 mm², Width: 5.1 mm, Color: gray |

## Diagrams/Drawings

Dimensioned drawing



## Address

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