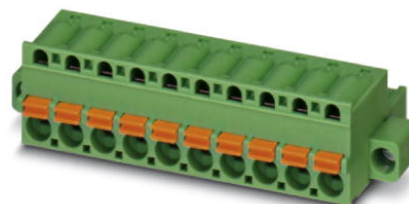


## FKC 2,5/ 6-STF

Order No.: 1910568

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1910568>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 017918 175344 |
| Note                     | Made-to-order                                                                                          |
| Pack                     | 50                                                                                                     |
| Customs tariff           | 85366990                                                                                               |
| Gross weight in pieces   | 10.61 g                                                                                                |
| Country of Origin        | DE                                                                                                     |
| Catalog page information | Page 275 (CAT-1-2013)                                                                                  |

### Product notes

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



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions

|             |       |
|-------------|-------|
| Pitch       | 5 mm  |
| Dimension a | 25 mm |

#### General

|                             |                 |
|-----------------------------|-----------------|
| Range of articles           | FKC 2,5/...-STF |
| 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/3)                   | 250 V               |
| 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 cross section                   | 2.5 mm <sup>2</sup> |
| Maximum load current                    | 12 A                |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Internal cylindrical gage               | A2                  |
| Stripping length                        | 10 mm               |
| Nominal voltage, UL/CUL Use Group B     | 300 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                |
| Number of positions                     | 6                   |

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| 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 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |

|                                 |    |
|---------------------------------|----|
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

#### Certificates



Certification

CSA, cULus Recognized, GOST, VDE Gutachten mit  
Fertigungsüberwachung, CCA, IECEE CB Scheme

Certifications applied for:

Certification Ex:

#### Accessories

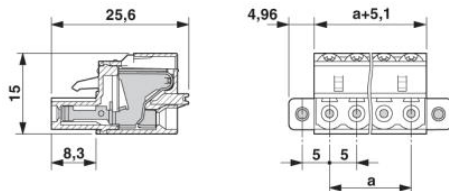
| Item                | Designation           | Description                                                                                                                                                           |
|---------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b>     |                       |                                                                                                                                                                       |
| 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.                                                                                            |
| <b>Marking</b>      |                       |                                                                                                                                                                       |
| 0804183             | SK 5/3,8:FORTL.ZAHLEN | Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm |
| <b>Plug/Adapter</b> |                       |                                                                                                                                                                       |
| 1734634             | CP-MSTB               | Coding profile, is inserted into the slot on the plug or inverted header, red insulating material                                                                     |
| 0201744             | MPS-MT                | Test plugs                                                                                                                                                            |
| 0201647             | RPS                   | Reducing plug, Color: gray                                                                                                                                            |
| <b>Tools</b>        |                       |                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0710060        | DFK-MSTB 2,5/ 6-GF | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting                                                                                                                                                                                          |
| 1900112        | EMSTB 2,5/ 6-GF    | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in                                                                                                                                                                                                                                                       |
| 1915107        | EMSTBV 2,5/ 6-GF   | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in                                                                                                                                                                                                                                                       |
| 1846739        | MDSTB 2,5/ 6-GF    | Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible! |
| 1846124        | MDSTBV 2,5/ 6-GF   | Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible! |
| 1776731        | MSTB 2,5/ 6-GF     | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering                                                                                                                                                                                                                                                      |
| 1776922        | MSTBV 2,5/ 6-GF    | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering                                                                                                                                                                                                                                                      |

## Drawings

### Dimensioned drawing



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