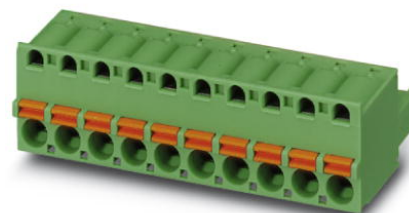


## FKC 2,5/ 3-ST

Order No.: 1910364

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1910364>

Plug component, nominal current: 12 A, rated voltage: 250 V,  
pitch: 5.0 mm, no. of positions: 3, type of connection: Spring-cage  
connection

### Commercial data

EAN	4017918175146
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.00549 KG
Catalog page information	Page 184 (CC-2007)

### Product notes

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



[http://  
www.download.phoenixcontact.com](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 mm
Dimension a	10 mm
Number of positions	3

**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 <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

**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.	1.5 mm <sup>2</sup>

## Certificates / Approvals

### Approval logo



#### CSA

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	24-12

#### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-12

#### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-12
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

## Accessories

Item	Designation	Description
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#### 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

0804183	SK 5/3,8: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
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#### Plug/Adapter

1734634	CP-MSTB	Coding profile, is inserted into the slot on the plug or inverted header, red insulating material
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0201744	MPS-MT	Test plug, consisting of: Metal part for 2.3 mm diameter socket hole
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

**Tools**

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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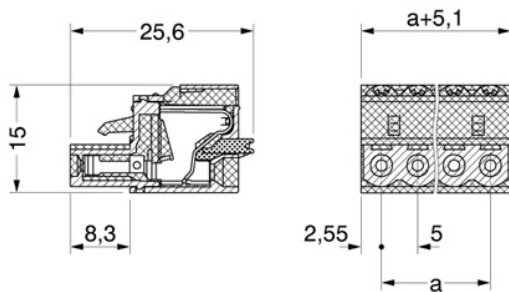
**Additional products**

Item	Designation	Description
<b>General</b>		
0707112	DFK-MSTB 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.0 mm, no. of positions: 3, mounting: Direct mounting
1899854	EMSTBA 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: press in
1914865	EMSTBVA 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 3, mounting: press in
1762059	MDSTB 2,5/ 3-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1736687	MDSTB 2,5/ 3-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1846522	MDSTBA 2,5/ 3-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1763045	MDSTBV 2,5/ 3-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1736726	MDSTBV 2,5/ 3-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1845798	MDSTBVA 2,5/ 3-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1802427	MDSTBW 2,5/ 3-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1754452	MSTB 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1768192	MSTB 2,5/ 3-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1757488	MSTBA 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1770494	MSTBA 2,5/ 3-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering

1753453	MSTBV 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1755529	MSTBVA 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1736108	MSTBW 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1769243	SMSTB 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering
1769816	SMSTBA 2,5/ 3-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering

## Drawings

### Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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