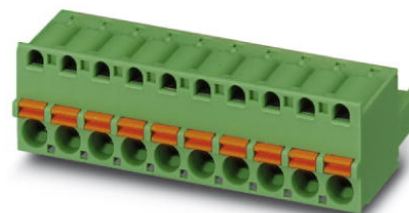


## FKC 2,5/ 4-ST


Order No.: 1910377

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1910377>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,  
Number of positions: 4, Pitch: 5 mm, Connection method: Spring-cage  
conn., Color: green, Contact surface: Tin

### Commercial data

EAN	 4 017918 175153
Pack	50
Customs tariff	85366990
Gross weight in pieces	6.55 g
Country of Origin	DE
Catalog page information	Page 248 (CC-2011)

### 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 / positions

Pitch	5 mm
Dimension a	15 mm
Number of positions	4

**Technical data**

Range of articles	FKC 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 $U_N$	250 V
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

**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>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

### Certificates



Certification

CSA, cULus Recognized, GOST, VDE Gutachten mit Fertigungsüberwachung, IECCEB 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.

### Marking

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
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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
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
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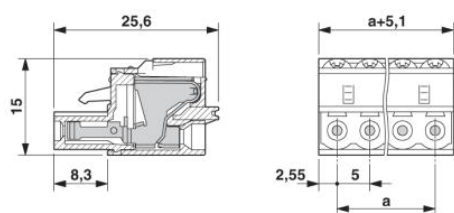
**Additional products**

Item	Designation	Description
<b>General</b>		
0707125	DFK-MSTB 2,5/ 4-G	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST and MSTBT 2,5/...ST.
1899867	EMSTBA 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in
1914878	EMSTBVA 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in
1736690	MDSTB 2,5/ 4-G1	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, 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!
1846535	MDSTBA 2,5/ 4-G	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 4, 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!
1736739	MDSTBV 2,5/ 4-G1	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, 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!
1845808	MDSTBVA 2,5/ 4-G	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 4, 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!

1754478	MSTB 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1768202	MSTB 2,5/ 4-G-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1757491	MSTBA 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1770504	MSTBA 2,5/ 4-G-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1753479	MSTBV 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1755532	MSTBVA 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1736098	MSTBW 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1769256	SMSTB 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering
1769829	SMSTBA 2,5/ 4-G	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

## Drawings

### Dimensioned drawing



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