


**TFKC 2,5/ 5-STF-5,08 AU**

Order No.: 1962590

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1962590>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,  
Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface:  
Au

**Commercial data**

GTIN (EAN)	 4 017918 912161
sales group	E111
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 221 (CC-2009)

**Product notes**

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



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**Technical data****Dimensions / positions**

Length	25.7 mm
Height	22.1 mm
Pitch	5.08 mm
Dimension a	20.32 mm

Number of positions	5
<b>Technical data</b>	
Range of articles	TFKC 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/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 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
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
<b>Connection data</b>	
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

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

**Certificates / Approvals**



Certification CB, CUL, UL, VDE-PZI

**Accessories**

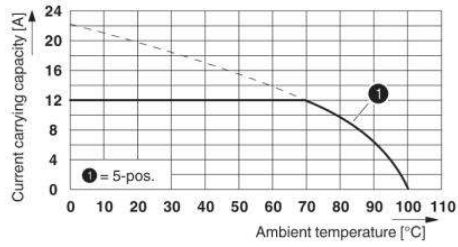
Item	Designation	Description
<b>General</b>		
1965458	SK 5,08/3,8 DN	Marker card, 4-color, for DeviceNet™ applications, self-adhesive, for COMBICON plugs and headers, pitch 5.08 mm
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804280	SK 5,08/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
0805108	SK 5,08/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White
0803883	SK U/2,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the B-STIFT or X-PEN
<b>Plug/Adapter</b>		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
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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### Diagrams/Drawings

#### Diagram



Derating curve for: TFKC 2,5/..-STF-5,08 AU with CC 2,5/..-GF-5,08 P26THR AU

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