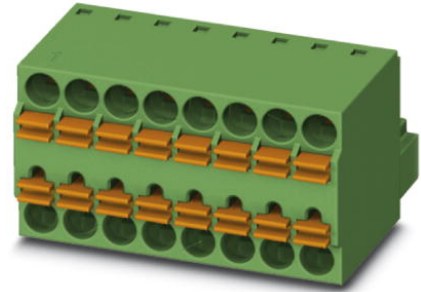



# TFMC 1,5/ 2-ST-3,5

Order No.: 1772618



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1772618>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Commercial data	
EAN	4 046356 462556 
sales group	E101
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.002648 KG
Net weight per piece	0.002648 KG
Catalog page information	Page 202 (C-1-2013)

### Product notes

WEEE/RoHS-compliant since: 11/04/2008



<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	
<b>Dimensions</b>	
Pitch	3.5 mm
Dimension a	3.5 mm
<b>General</b>	
Range of articles	TFMC 1,5/...-ST

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Number of positions	2

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 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.	1.5 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.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

**Certificates / Approvals**



Certification

cULus Recognized, GOST

Certifications applied for:

Certification Ex:

**Accessories**

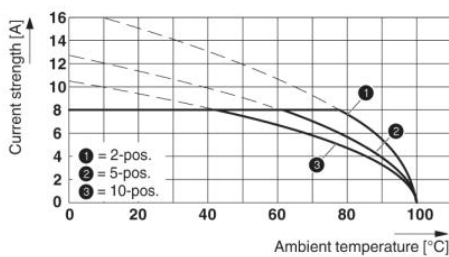
Item	Designation	Description
------	-------------	-------------

**Marking**

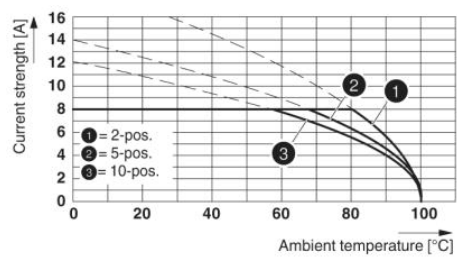
Item	Designation	Description
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm
0803883	SK U/2,8 WH:UNBEDRUCKT	Marker cards, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

**Drawings**

Diagram



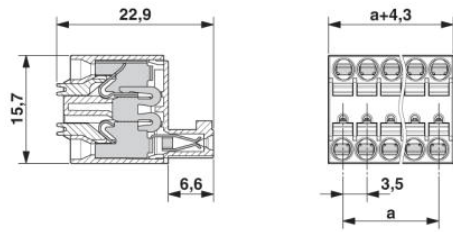
Derating curve for: TFMC 1,5/...-ST-3,5 with MCV 1,5/...-G-3,5



Type: TFMC 1,5/...-ST-3,5 with MC 1,5/...-G-3,5

Dimensioned drawing

---



TFMC 1,5/ 2-ST-3,5 Order No.: 1772618

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1772618>

---

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



© 2014 Phoenix Contact  
Technical modifications reserved;