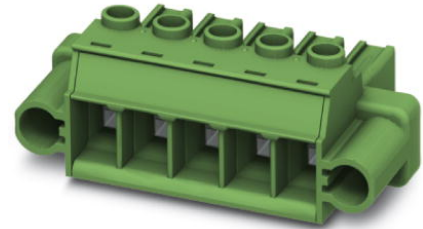


PC 5/ 7-STF1-7,62

Order No.: 1777888



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1777888>

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V,
Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw
connection, Color: green, Contact surface: Tin

Commercial data

EAN	4 046356 523028
sales group	E522
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.033564 KG
Net weight per piece	0.033564 KG
Catalog page information	Page 525 (C-1-2013)

Product notes

WEEE/RoHS-compliant since:
08/05/2009



[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

Length	35.5 mm
Height	19.7 mm
Pitch	7.62 mm
Dimension a	45.72 mm

General

Range of articles	PC 5/..-STF1
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I_N	41 A
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm
Number of positions	7
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.8 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm ²

2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Certificates / Approvals



Certification

cULus Recognized, GOST

Certifications applied for:

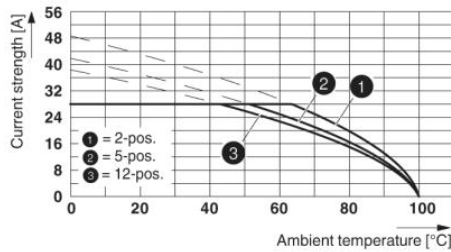
Certification Ex:

Accessories

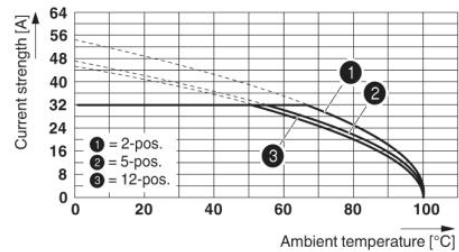
Item	Designation	Description
General		
1701967	CP-PC RD	Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red
Tools		
1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

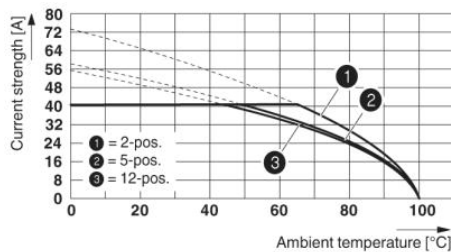
Diagram



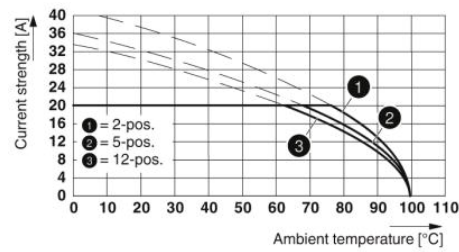
Derating curve for: PC 5/...-ST1-7,62 with
 PC 4/...-G-7,62
 Conductor cross section: 4 mm²



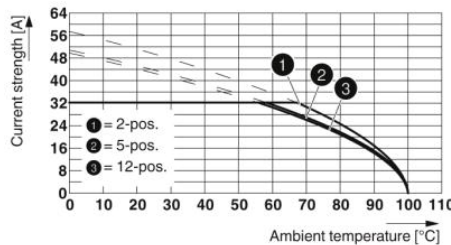
Derating curve for: PC 5/...-ST1-7,62 with
 PC 5/...-G-7,62
 Conductor cross section: 6 mm²



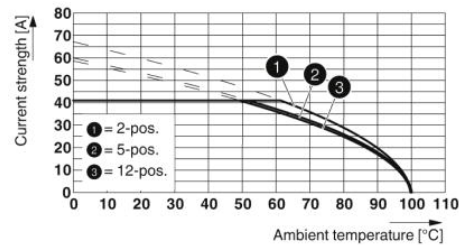
Derating curve for: PC 5/...-ST1-7,62 with
 PC 5/...-G-7,62
 Conductor cross section: 10 mm²



Type: PC 5/...-STF1-7,62 with PCVK
 4-7,62 and PCVK 4-7,62-F

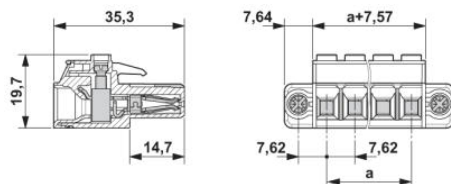


Type: PC 5/...-ST(F)1-7,62 with PC 5/...-
 GU(F)-7,62
 Conductor cross section: 6 mm²



Type: PC 5/...-ST(F)1-7,62 with PC 5/...-
 G(F)U-7,62
 Conductor cross section: 10 mm²

Dimensioned drawing



Address

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



© 2014 Phoenix Contact
Technical modifications reserved;