Extract from the online catalog

PC 5/ 3-STCL-7,62

Order No.: 1718384

The figure shows a 5-pos. version of the product

http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1718384

Plug component, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.62 mm, Number of positions: 3, Connection type: Screw connection, Color: green

Commercial data	
EAN	4046356175395
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.016324 KG
Catalog page information	Page 379 (CC-2009)

Product notes

WEEE/RoHS-compliant since: 11/23/2006

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	7.62 mm
Dimension a	15.24 mm
Number of positions	3
Screw thread	M3

Tightening torque, min	0.7 Nm
Tightening torque max	0.8 Nm

Technical data

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/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I_N	41 A
Nominal voltage U_N	1000 V
Nominal cross section	10 mm²
Maximum load current	41 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	6 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²

2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²

Certificates / Approvals

Certification	CUL, UL

CUL

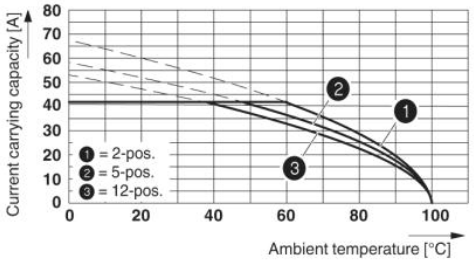
Nominal voltage U_N	600 V
Nominal current I_N	41 A
AWG/kcmil	24-8

UL

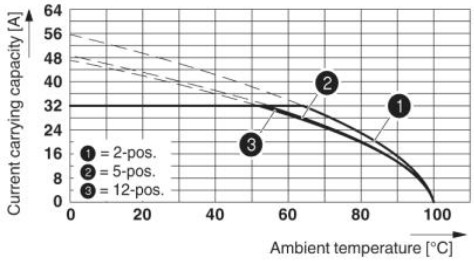
Nominal voltage U_N	600 V
Nominal current I_N	41 A
AWG/kcmil	24-8

Diagrams/Drawings

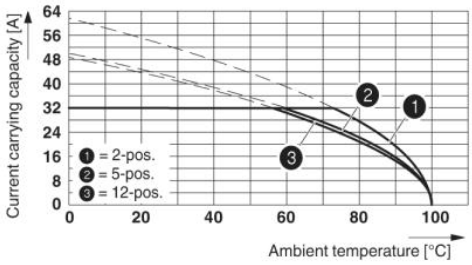
Diagram



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

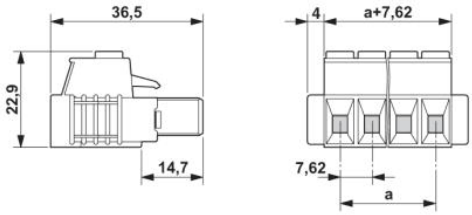


Derating curve for: PC 5/...-ST-7,62 with PC 5/...-G-7,62
Conductor cross-section: 6 mm²



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

Dimensioned drawing



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