Extract from the online catalog

PC 5/ 9-ST-7,62

Order No.: 1975655

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

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1975655

Plug, no. of positions: 9, pitch: 7.62 mm, U = 1000 V, I = 41 A, rated cross section = 6 mm²

Product notes

WEEE/RoHS-compliant since: 12/18/2003

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.

Commercial data	
EAN	4017918971809
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.045084 KG
Catalog page information	Page 334 (CC-2007)

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	60.96 mm
Number of positions	9
Screw thread	M 3
Tightening torque, min	0.7 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 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

Certificates / Approvals

Approval logo

c UL us

CUL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	24-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	24-10
Certification	CUL, UL

Drawings

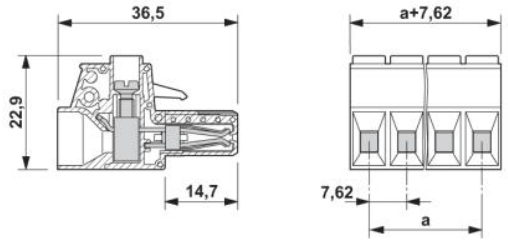
Diagram

Derating curve for: PC 5/...-ST-7,62 with PC 5/...-G-7,62
Conductor cross-section: 10 mm^2

Derating curve for: PC 5/...-ST-7,62 with PC 5/...-G-7,62
Conductor cross-section: 6 mm^2

Derating curve for: PC 5/....-ST-7,62 with IPC 5/...-ST-7,62
Conductor cross section 6 mm^2

Dimensioned drawing



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