Extract from the online catalog

PC 5/ 5-STCL-7,62

Order No.: 1718407

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1718407

Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Pitch: 7.62 mm, Color: green, Metal surface: Tin-plated

Product notes

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

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Commercial data	
GTIN (EAN)	4046356175418
Note	Made-to-order
sales group	E522
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0261 KG
Catalog page information	Page 379 (CC-2009)

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	30.48 mm
Number of positions	5
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
Connection in acc. with standard	EN-VDE
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
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	41 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	41 A

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
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Certificates / Approvals

Certification	CUL, UL

CUL

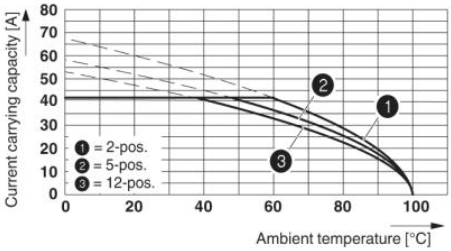
Nominal voltage U_N	600 V
Nominal current I_N	41 A
AWG/kcmil	24-8

UL

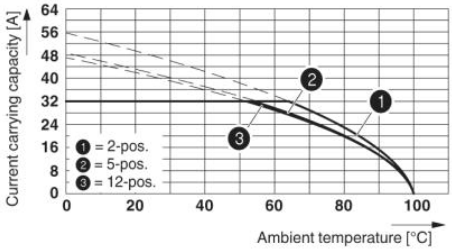
Nominal voltage U_N	600 V
Nominal current I_N	41 A
AWG/kcmil	24-8

Diagrams/Drawings

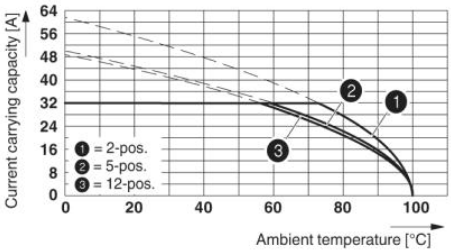
Diagram



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

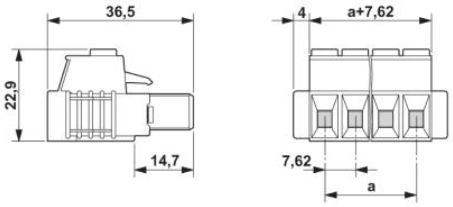


Derating curve for: PC 5/...-ST-7,62 with PC 5/...-G-7,62
Conductor cross-section: 6 mm²



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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