

SPC 5/12-STF-7,62

Order No.: 1996223

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1996223>

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

Commercial data

GTIN (EAN)	4046356037969
Note	Made-to-order
sales group	E522
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0623 KG
Catalog page information	Page 385 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
04/15/2004



<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	83.82 mm
Number of positions	12

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 mm ²
Maximum load current	41 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	15 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	35 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	35 A

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	8
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.	1.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Certificates / Approvals



Certification CUL, UL

CUL

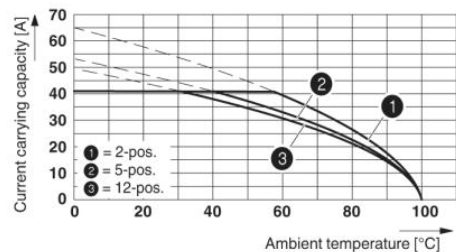
Nominal voltage U _N	600 V
Nominal current I _N	35 A
AWG/kcmil	24-8

UL

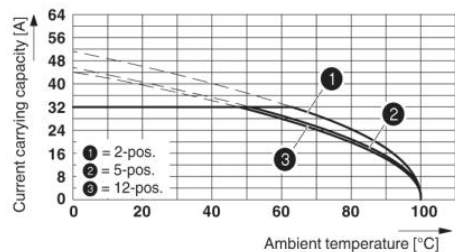
Nominal voltage U _N	600 V
Nominal current I _N	35 A
AWG/kcmil	24-8

Diagrams/Drawings

Diagram

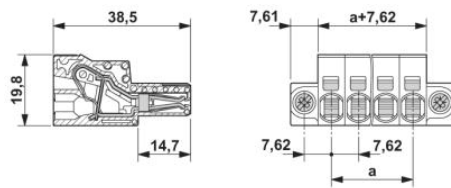


Derating curve for: SPC 5/...-ST-7.62 with
PC 5/...-G-7.62



Derating curve for: SPC 5/...-ST-7.62 with
PC 5/...-G-7.62
Conductor cross-section: 6 mm²

Dimensioned drawing



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