

IPC 16/ 5-STF-10,16

Order No.: 1969483

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1969483>

Plug component, Nominal current: 76 A, Nom. voltage: 1000 V,
Pitch: 10.16 mm, Number of positions: 5, Connection type: Screw
connection, Color: green

Commercial data

EAN	4017918943721
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.05099 KG
Catalog page information	Page 413 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
05/05/2003



[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 / positions

Pitch	10.16 mm
Dimension a	40.64 mm
Number of positions	5
Screw thread	M4

Tightening torque, min	1.7 Nm
Tightening torque max	1.8 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	76 A
Nominal voltage U_N	1000 V
Nominal cross section	16 mm ²
Maximum load current	76 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A6
Stripping length	14 mm

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ² Only in connection with CRIMPFOX 16 S
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ² Only in connection with CRIMPFOX 16 S
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	6 mm ²

2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²

Certificates / Approvals



Certification CUL, UL

CUL

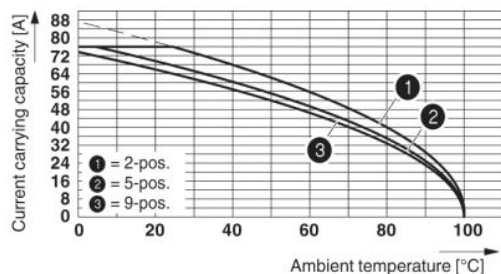
Nominal voltage U _N	600 V
Nominal current I _N	55 A
AWG/kcmil	20-6

UL

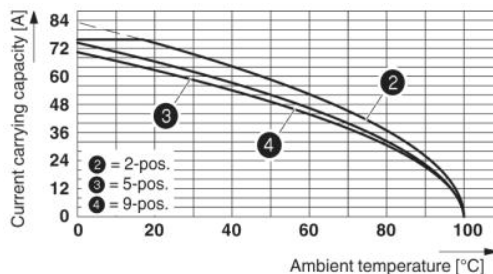
Nominal voltage U _N	600 V
Nominal current I _N	55 A
AWG/kcmil	20-6

Diagrams/Drawings

Diagram

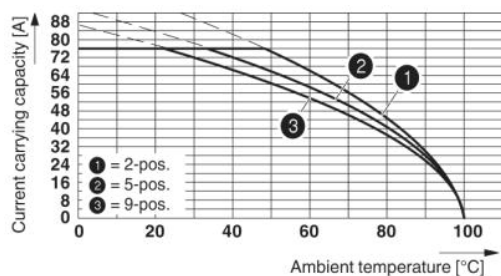


Derating curve for: IPC 16/...-ST-10,16 with DFK-IPC 16/...-G-10,16

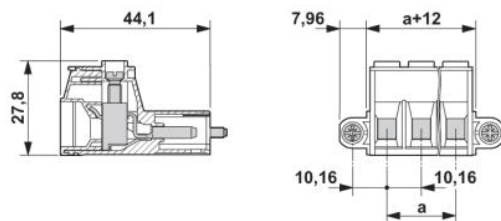


Derating curve for: IPC 16/...-ST-10,16 with IPC 16/...-G-10,16

Derating curve for: PC 16/...-ST-10,16 with IPC 16/...-ST-10,16



Dimensioned drawing



The illustration shows the 3-pos. version

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