



Extract from the online catalog

SPB 2,5/ 5

Order No.: 3040143

The illustration shows a 6-position version



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3040143>

Connectors, Type of connection: Spring-cage connection, Number of positions: 5, Cross section: 0.08 mm² - 4 mm², AWG 28 - 12, Width: 26 mm, Height: 39 mm, Color: gray

Commercial data	
GTIN (EAN)	4017918832971
sales group	A671
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0167 KG
Catalog page information	Page 280 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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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	
Width	26 mm
Length	20 mm
Height	39 mm

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Technical data

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	nein
Number of positions	5

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Type of connection	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals



Certification

BV, CSA, CUL, DNV, GL, GOST, LR, UL

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CSA

Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	24-12

CUL

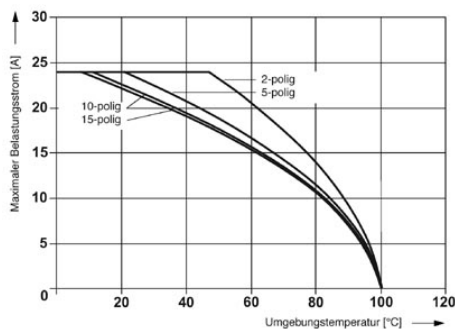
Nominal voltage U_N	600 V
Nominal current I_N	5 A
AWG/kcmil	28-12

UL

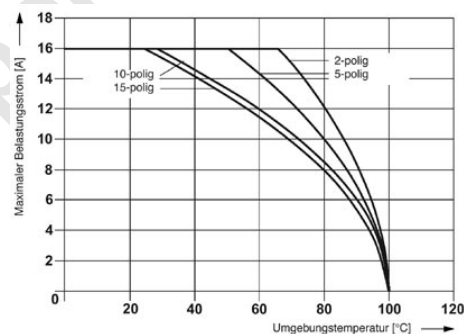
Nominal voltage U_N	600 V
Nominal current I_N	5 A
AWG/kcmil	28-12

Diagrams/Drawings

Diagram



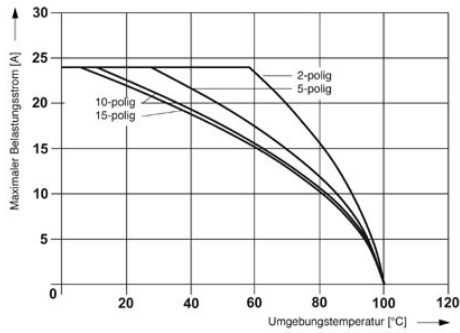
Derating curve for ST 2,5/ 1P, ST 2,5/ 2P, ST 2,5-TWIN/ 1P and for all plug versions SP... .



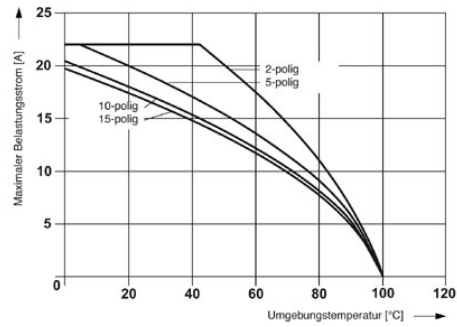
Derating curve for ST 2,5-TWIN-MT/1P, ST 2,5-TWIN-TG/1P and for all plug versions SP... .

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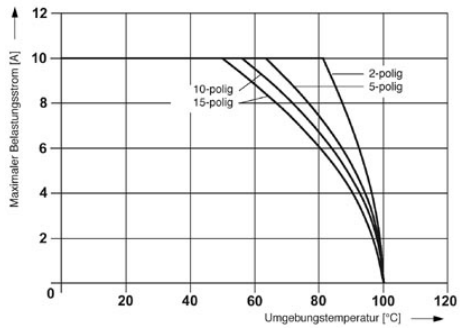
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3040143>



Derating curve for ST 2,5-QUATTRO/2P, ST 2,5-QUATTRO/4P and for all plug versions SP... .



Derating curve for STTB 2,5/ 2P, STTB 2,5/ 2P-PV and for all plug versions SP... .



Derating curve for ST 2,5-4L/1P, ST 2,5-4L/2P and for all plug versions SP... .

Circuit diagram



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