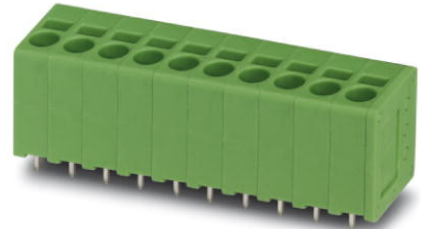


SPT 2,5/ 7-V-5,0

Order No.: 1991147

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1991147>

PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 7, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Commercial data

EAN	4046356104760
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.0096 KG
Catalog page information	Page 111 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
11/09/2005



<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

Length	13.5 mm
Pitch	5 mm
Dimension a	30 mm

Number of positions	7
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ² Stripping length 8 mm
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Certificates / Approvals



Certification

CB, CCA, CUL, SEV, UL

CUL

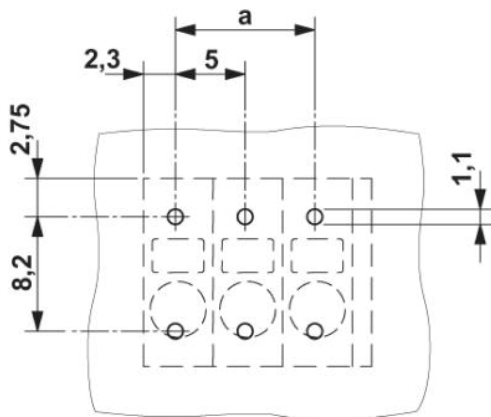
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	24-12

UL

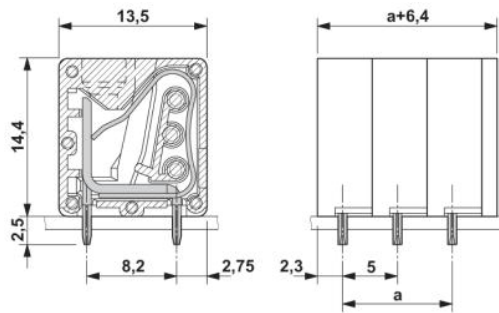
Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	24-12

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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