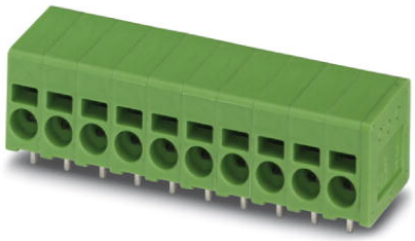
Extract from the online catalog

SPT 2,5/10-H-5,0

Order No.: 1991053



PC terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 10, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Commercial data	
EAN	4 046356 104685
Note	Made-to-order
Pack	50
Customs tariff	85369010
Country of Origin	DE
Catalog page information	Page 135 (CC-2011)

Product notes

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

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 at http://www.download.phoenixcontact.com. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Length	14.4 mm
Pitch	5 mm
Dimension a	45 mm
Number of positions	10

Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

Technical data

Range of articles	SPT 2,5/..-H
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/3)	250 V
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 cross section	2.5 mm²
Maximum load current	24 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	20 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm² Stripping length 8 mm
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm² Stripping length 8 mm
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm² Stripping length 8 mm

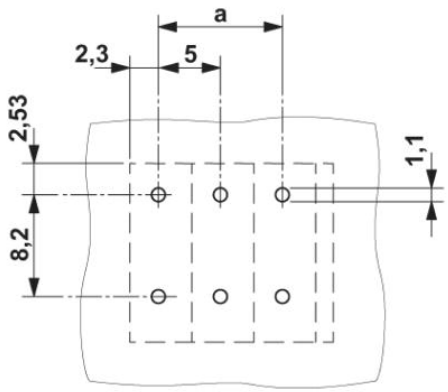
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm² Stripping length 8 mm
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	12

Certificates

Certification CB, CCA, CUL, SEV, UL

Drawings

Drilling plan/solder pad geometry



Dimensioned drawing