

## SPTA 1/ 6-5,0

Order No.: 1752256

The illustration shows the 10-position version

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1752256>

PC terminal block, Nominal current: 9 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 6, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 45 °, Color: green

### Commercial data

EAN	4046356321105
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00545 KG
Catalog page information	Page 105 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
10/02/2007



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

Length	10 mm
Pitch	5 mm
Dimension a	25 mm

Number of positions	6
Pin dimensions	0,6 x 1,0 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)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	9 A
Nominal voltage $U_N$	250 V
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	9 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	8 mm

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16

**Certificates / Approvals**



Certification CUL, UL

**CUL**

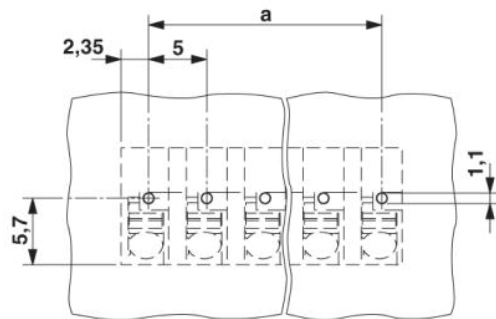
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-16

**UL**

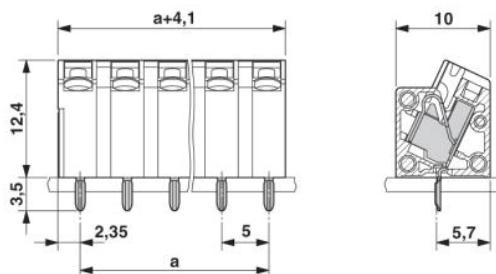
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-16

**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



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