

SPT 16/ 2-V-10,0-ZB

Order No.: 1735875


The illustration shows a 5-position version



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1735875>

PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V,
Pitch: 10 mm, Number of positions: 2, Connection method: Spring-
cage conn., Mounting: Soldering, Color: green

Commercial data

EAN	 4 046356 179515
Note	Made-to-order
sales group	E540
Pack	50 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.016426 KG
Net weight per piece	0.016356 KG
Catalog page information	Page 469 (CAT-1-2013)

Product notes

WEEE/RoHS-compliant since:
12/19/2006



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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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information and data, please refer
to the user documentation. The
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Technical data

Dimensions

Pitch	10 mm
Dimension a	10 mm
Pin dimensions	1,2 x 1 mm
Pin spacing	10 mm
Hole diameter	1.7 mm

Technical data

Range of articles	SPT 16/..-V
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/3)	1000 V
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 cross section	16 mm ²
Maximum load current	76 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	18 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	66 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	66 A
Number of positions	2

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.	0.75 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	4

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	4

Certificates / Approvals



Certification

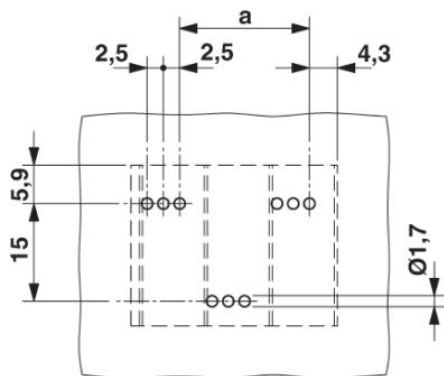
cULus Recognized, GOST, SEV, CCA, IECCE CB Scheme

Certifications applied for:

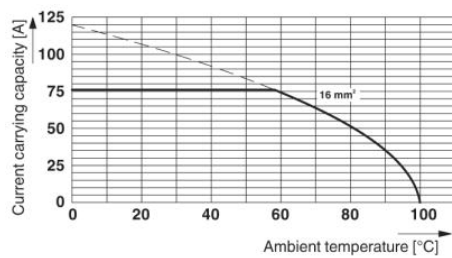
Certification Ex:

Drawings

Drilling plan/solder pad geometry



Diagram



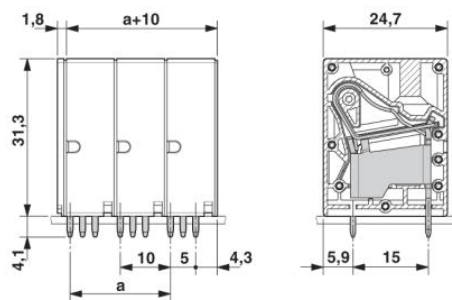
Type: SPT 16/...-V-10,0-ZB

Test based on DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 5

Dimensioned drawing



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