

## PCB terminal block - SPTD 1,5/ 9-H-3,5 - 1841568

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB terminal block, Nominal current: 10 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 9, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-position version of the product



### Key commercial data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	 4 046356 909709
Weight per Piece (excluding packing)	19.25 g
Custom tariff number	85369010
Country of origin	China
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	18 mm
Height	24.2 mm
Pitch	3.5 mm
Dimension a	28 mm
Pin dimensions	0,6 x 1,0 mm
Pin spacing	9.35 mm
Hole diameter	1.3 mm

#### General

Range of articles	SPTD 1,5
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

# PCB terminal block - SPTD 1,5/ 9-H-3,5 - 1841568

## Technical data

### General

Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	10 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	10 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	8 mm
Number of positions	9

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.2 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.	26
Conductor cross section AWG/kcmil max	16

## Classifications

### eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 8.0	27440401

### ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

## Approvals

### Approvals

# PCB terminal block - SPTD 1,5/ 9-H-3,5 - 1841568

## Approvals

Approvals

cULus Recognized

---

Ex Approvals

---

Approvals submitted

---

## Approval details

cULus Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	26-14
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	600 V

## Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

---

Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

---

Screwdriver tools

# PCB terminal block - SPTD 1,5/ 9-H-3,5 - 1841568

## Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

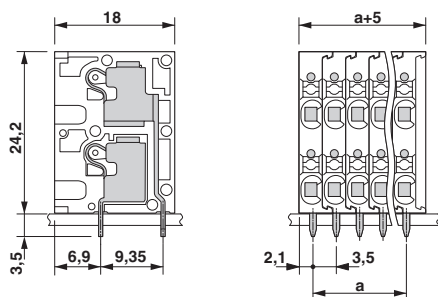
Accessories - MPS-MT 1-S - 1944372



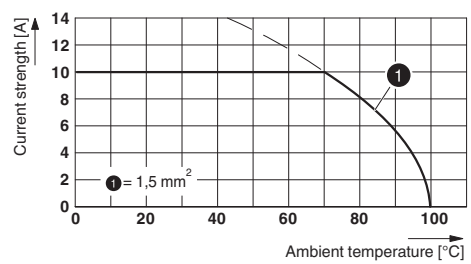
Accessories

## Drawings

Dimensioned drawing



Diagram



Type: SPTD 1,5/...-H-3,5