

## PCB terminal block - SPTD 1,5/ 4-H-3,5 - 1841513

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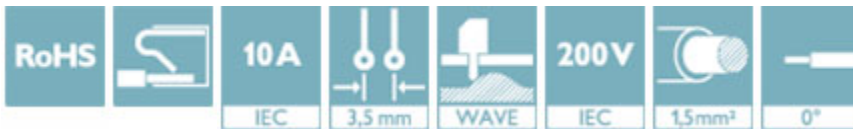


PCB terminal block, Nominal current: 10 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 4, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green


The figure shows a 10-position version of the product

### Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Conductor connection on several levels enables higher contact density
- ✓ Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 909655
GTIN	4046356909655
Weight per Piece (excluding packing)	9.600 g
Custom tariff number	85369010
Country of origin	China

### Technical data

#### Dimensions

Length	18 mm
Pitch	3.5 mm
Dimension a	10.50 mm

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## Technical data

### Dimensions

Width	19.00 mm
Constructional height	24.2 mm
Height	24.2 mm
Solder pin [P]	3.5 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
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
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	4

### 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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16

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## Technical data

### Standards and Regulations

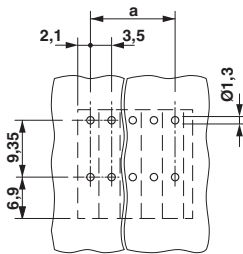
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

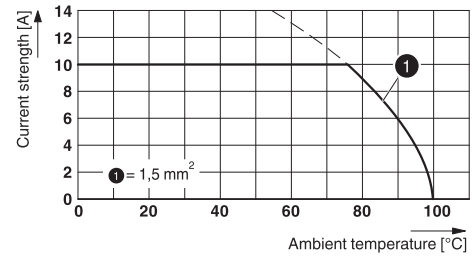
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram

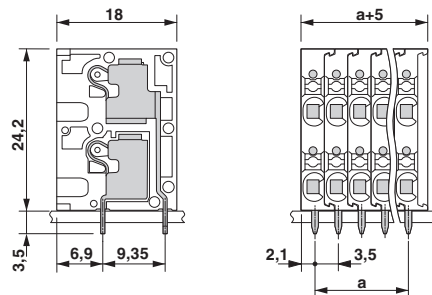


Diagram



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

Dimensional drawing



## Approvals

### Approvals

Approvals


cULus Recognized / VDE Zeichengenehmigung / IECCE CB Scheme / EAC


Ex Approvals


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## Approvals

### Approval details

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20061129
		B	
mm <sup>2</sup> /AWG/kcmil		26-14	
Nominal current I <sub>N</sub>		10 A	
Nominal voltage U <sub>N</sub>		150 V	

VDE Zeichengenehmigung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40043184
mm <sup>2</sup> /AWG/kcmil		0.14-1.5	
Nominal current I <sub>N</sub>		10 A	
Nominal voltage U <sub>N</sub>		200 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56366
mm <sup>2</sup> /AWG/kcmil		1.5	
Nominal current I <sub>N</sub>		10 A	
Nominal voltage U <sub>N</sub>		200 V	

EAC			B.01742
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