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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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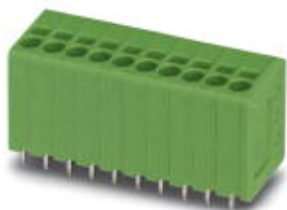
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# PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

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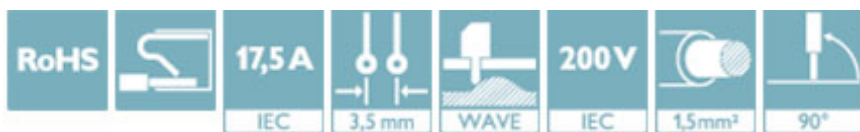


PCB terminal block, nominal current: 17.5 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 10, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green

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
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Operation and conductor connection from one direction enable integration into front of device
- Two solder pins reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4046356104562

## Technical data

### Dimensions

Length [ l ]	13.5 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Width [ w ]	36.4 mm
Constructional height	14.4 mm
Height [ h ]	16.9 mm
Solder pin [P]	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	3.5 mm
Hole diameter	1.1 mm

# PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

## Technical data

### General

Range of articles	SPT 1,5/..-V
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 <sub>N</sub>	17.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	17.5 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	10

### 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 flexible min.	0.2 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.	0.25 mm <sup>2</sup> Stripping length 8 mm
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup> Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup> Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup> Stripping length 8 mm
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

### Standards and Regulations

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

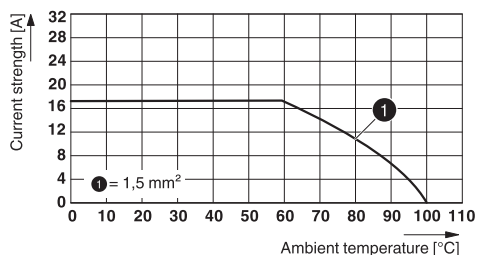
### Environmental Product Compliance

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

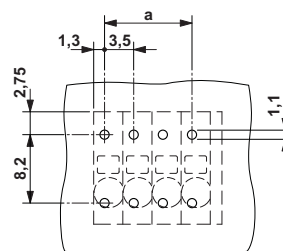
## Drawings

# PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

Diagram

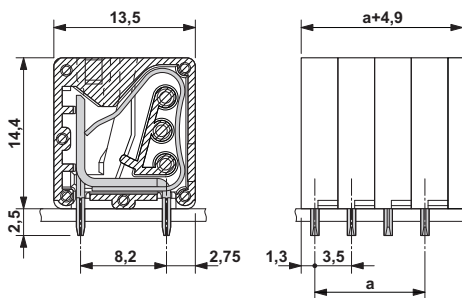


Drilling diagram



Type: SPT 1,5/ 5-V-3,5  
 Tested according to DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 5

Dimensional drawing



## Approvals

Approvals

Approvals

CCA / IECCEB CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals


## Approval details


CCA	IK-2956
Nominal voltage UN	130 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	1.5




# PCB terminal block - SPT 1,5/10-V-3,5 - 1990931

## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-7429
Nominal voltage UN	130 V		
Nominal current IN	17.5 A		
mm <sup>2</sup> /AWG/kcmil	1.5		

SEV		<a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a>	IK-3150
Nominal voltage UN	130 V		
Nominal current IN	17.5 A		
mm <sup>2</sup> /AWG/kcmil	1.5		

EAC			B.01742
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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
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	

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