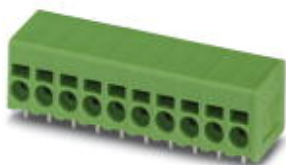


# PCB terminal block - SPT 2,5/ 6-H-5,0 - 1991011

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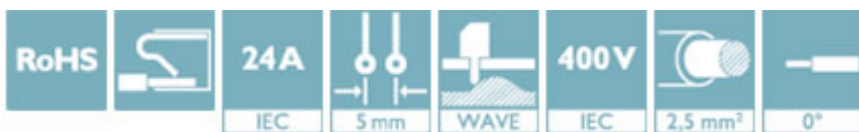
PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



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
- 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	100 STK
GTIN	
GTIN	4046356104630

## Technical data

### Dimensions

Length [ l ]	14.4 mm
Pitch	5 mm
Dimension a	25 mm
Width [ w ]	31.4 mm
Constructional height	13.5 mm
Height [ h ]	16 mm
Solder pin [P]	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

# PCB terminal block - SPT 2,5/ 6-H-5,0 - 1991011

## Technical data

### General

Range of articles	SPT 2,5/...-H
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/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	24 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	24 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Number of positions	6

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 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.	2.5 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.	1.5 mm <sup>2</sup> Stripping length 8 mm
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

### Standards and Regulations

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

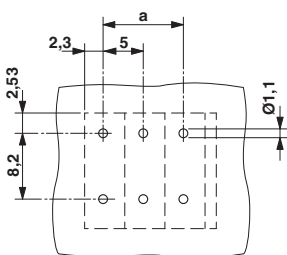
### Environmental Product Compliance

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

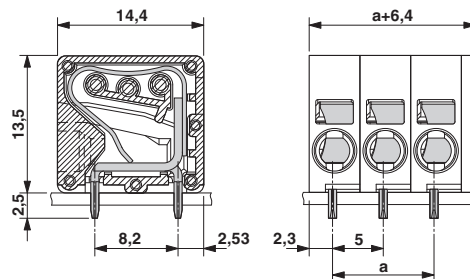
## Drawings

# PCB terminal block - SPT 2,5/ 6-H-5,0 - 1991011

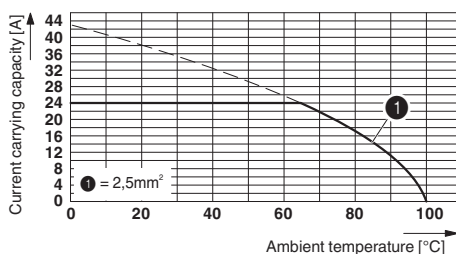
Drilling diagram



Dimensional drawing



Diagram



Type: SPT 2,5/5-H-5,0  
 Test following DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 No. of positions: 5

## Approvals

### Approvals

Approvals

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

Ex Approvals


### Approval details


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	250 V		
Nominal current IN	24 A		
mm²/AWG/kcmil	2.5		


# PCB terminal block - SPT 2,5/ 6-H-5,0 - 1991011

## Approvals

CCA		IK-2956
Nominal voltage UN	250 V	
Nominal current IN	24 A	
mm <sup>2</sup> /AWG/kcmil	2.5	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-7429
Nominal voltage UN	250 V		
Nominal current IN	24 A		
mm <sup>2</sup> /AWG/kcmil	2.5		

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	20 A	
mm <sup>2</sup> /AWG/kcmil	24-12	24-12	

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