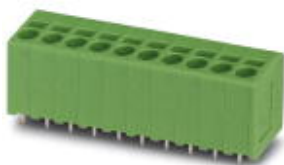


## PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

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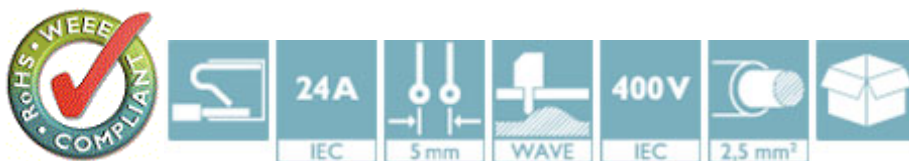
PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green



The figure shows a 10-position version of the product

### Why buy this product

- PCB terminal blocks with front spring-cage connection
- Two solder pins for a high level of stability on the PCB
- When connecting stranded conductors without ferrules, the terminal point is opened using a standard screwdriver
- Push-in direct plug-in technology for solid or stranded conductors with ferrules



### Key Commercial Data

Packing unit	100 STK
Minimum order quantity	100 STK
GTIN	 4 046356 104722
GTIN	4046356104722
Weight per Piece (excluding packing)	3.840 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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#### Dimensions

Length	13.5 mm
Pitch	5.00 mm
Dimension a	10 mm
Width	16.4 mm

# PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

## Technical data

### Dimensions

Constructional height	14.4 mm
Height	16.9 mm
Length of the solder pin	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.1 mm

### General

Range of articles	SPT 2,5/...-V
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
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Number of positions	3

### 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

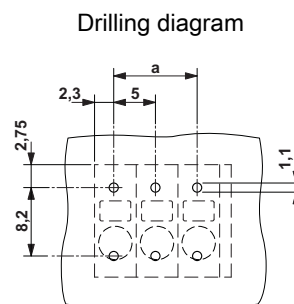
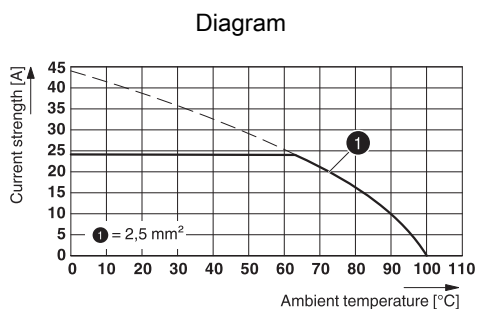
# PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

## Technical data

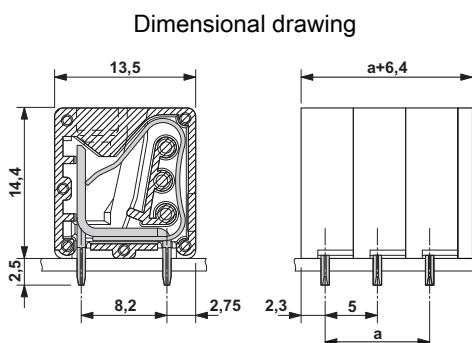
### Standards and Regulations

Flammability rating according to UL 94	V0
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## Drawings



Type: SPT 2,5/ 5-V-5,0  
 Tested according to DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 5



## Classifications

### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643

# PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

## Classifications

### ETIM

ETIM 5.0	EC002643
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### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals


### Approvals

#### Approvals


UL Recognized / SEV / cUL Recognized / CCA / IEC EE CB Scheme / EAC / EAC / cULus Recognized

#### Ex Approvals

### Approval details

UL 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> FILE E 60425		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-12	24-12
Nominal current I <sub>N</sub>	20 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

SEV <a href="https://www.electrosuisse.ch">https://www.electrosuisse.ch</a> IK-3150	
mm <sup>2</sup> /AWG/kcmil	2.5
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	250 V


cUL 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> FILE E 60425		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-12	24-12
Nominal current I <sub>N</sub>	20 A	10 A

# PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

## Approvals

	B	D
Nominal voltage UN	300 V	300 V

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

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

EAC EAC-Zulassung
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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>
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## 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

#### Screwdriver tools

## PCB terminal block - SPT 2,5/ 3-V-5,0 - 1991105

### Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Pitch spacer - RZ-SPT 2,5-2,5 - 1772595



Accessories, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

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Pitch spacer - RZ-SPT 2,5-5,0 - 1772605



Accessories, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

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