PCB terminal block - SPT 2,5/ 4-V-5,0 - 1991118

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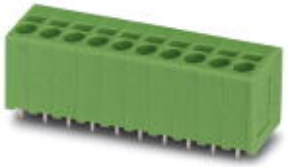
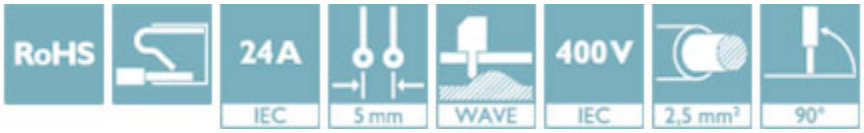


The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 4, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: green

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	1 STK
Minimum order quantity	100 STK
GTIN	4 046356 104739
GTIN	4046356104739
Weight per Piece (excluding packing)	5.490 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	13.5 mm
Pitch	5 mm
Dimension a	15.00 mm

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Technical data

Dimensions

Width	21.40 mm
Constructional height	14.4 mm
Height	16.9 mm
Solder pin [P]	2.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5.00 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 mm²
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	4

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm² Stripping length 8 mm
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm² Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm² Stripping length 8 mm
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm² Stripping length 8 mm
Conductor cross section AWG min.	24

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Technical data

Connection data

Conductor cross section AWG max.	12

Standards and Regulations

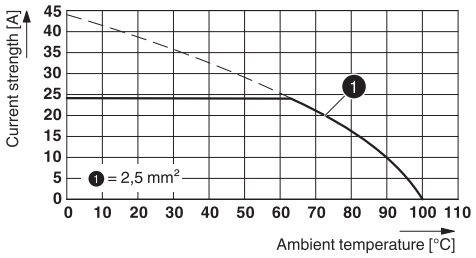
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

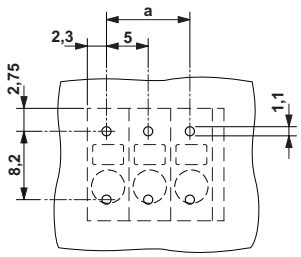
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram

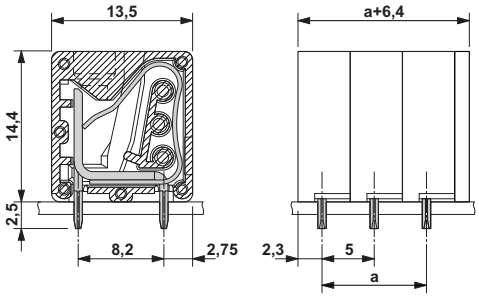


Drilling diagram



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

Dimensional drawing



Approvals

Approvals

PCB terminal block - SPT 2,5/ 4-V-5,0 - 1991118

Approvals

Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	D
mm²/AWG/kcmil	24-12	24-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

SEV https://www.electrosuisse.ch/en/meta/shop/product-certificates.html IK-3150

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

cUL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	D
mm²/AWG/kcmil	24-12	24-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

CCA IK-2956

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

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	CH-7429

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

EAC	EAC	B.01742

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm