

## SPT 2,5/ 4-H-5,0-EX 3RZ - 1709300

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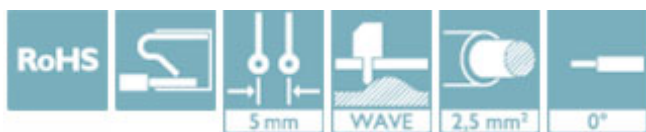
PCB terminal block, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, color: green



The figure shows a 10-position version of the product

### Your advantages

- ✓ 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
- ✓ Satisfies the more stringent safety requirements of "Ex e" protection according to IEC 60079-7 for potentially explosive areas
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



### Key Commercial Data

Packing unit	1
GTIN	
GTIN	4055626064246
Custom tariff number	85369010

### Technical data

#### Item properties

Brief article description	PCB terminal block
Range of articles	SPT 2,5/...-H-EX
Pitch	5 mm
Number of positions	4
Connection method	Push-in spring connection
Mounting type	Wave soldering
Pin layout	Linear double pinning
Number of levels	1

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## Technical data

### Connection capacity

Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

### Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Metal surface terminal point (top layer)	Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer)	Tin (4 - 8 µm Sn)

### Material data - housing

Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

### Dimensions for the product

Length [ l ]	14.4 mm
Width [ w ]	28.9 mm
Height [ h ]	16 mm
Pitch	5 mm
Height (without solder pin)	13.5 mm
Solder pin [P]	2.5 mm
Pin spacing	8.2 mm
Pin dimensions	0.8 x 0.8 mm
Dimension a	22.5 mm

### Dimensions for PCB design

Hole diameter	1.1 mm
Pin spacing	8.2 mm

### Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

### Air clearances and creepage distances

Insulating material group	I
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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# SPT 2,5/ 4-H-5,0-EX 3RZ - 1709300

## Technical data

### Environmental Product Compliance

	No hazardous substances above threshold values
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## Classifications

### eCl@ss

eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643

### UNSPSC

UNSPSC 13.2	39121432
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## Approvals

### Approvals

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#### Approvals

EAC

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#### Ex Approvals

IECEX / ATEX / EAC Ex

### Approval details

EAC		B.01742
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