PHŒNIX CONTACT

PCB terminal block - SPT 2,5/ 4-H-EX PROFINET 2 - 1034522

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PCB terminal block, nominal current (Ex): 23 A, nominal voltage (Ex): 176 V, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, color: green. PCB terminal block satisfies the requirements of the "Guideline for PROFINET" in the edition dated 05/2017

Your advantages

☑ Satisfies the requirements of the "Guideline for PROFINET" in the edition dated 05/2017

☑ Satisfies CAT5 requirements in accordance with EN 50173 and ISO/IEC 11801

☑ Satisfies the more stringent safety requirements of "Ex e" protection according to IEC 60079-7 for potentially explosive areas

☑ Defined contact force ensures that contact remains stable over the long term

☑ Operation and conductor connection from one direction enable integration into front of device

☑ Time saving push-in connection, tools not required

☑ Clamping space opened by means of fixed screwdriver enables convenient conductor connection

☑ Two solder pins reduce the mechanical strain on the soldering spots

Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 055626 539744
GTIN	4055626539744
Weight per Piece (excluding packing)	6.130 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Item properties

Brief article description	PCB terminal block
Range of articles	SPT 2,5/..-H-EX PROFINET
Pitch	5 mm
Number of positions	4

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Technical data

Item properties

Connection method	Push-in spring connection
Mounting type	Wave soldering
Pin layout	Linear double pinning
Number of levels	1

Connection capacity

Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	hot-dip tin-plated
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
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]	23.9 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	15 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.

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Technical data

Air clearances and creepage distances

Insulating material group	I

Standards and Regulations

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

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

Accessories

Accessories

Screwdriver tools

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