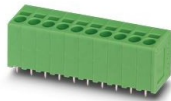


INDUSTRIAL COMPONENT DATA

SPT 2,5/ 7-V-5,0-EX GN/BU/BN 1297450 PHOENIX CONTACT

Printed circuit board terminal, nominal current: 22 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 7-V-5,0-EX GN/BU/BN



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 2,5/ 7-V-5,0-EX GN/BU/BN
Catalog number	1297450
Category	Printed circuit board terminal
Minimum order	1020 Pcs
Document ID	EO-D2505DD6CE
Generated	2026-08-06

Product Overview

Printed circuit board terminal, nominal current: 22 A, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 7, article family: SPT 2.5/.. -V-EX, pitch: 5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal, rated current: 23 A, rated cross-section: 2.5 mm², number of rows: 1, number of poles per row: 7, item family: SPT 2.5/.. -V-EX, pitch: 5mm, connection type: Push-in spring connection, assembly: Wave soldering, conductor/PCB connection direction: 90°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5mm, number of solder pins per potential: 2, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 23 A, nominal cross section: 2.5 mm², number of rows: 1, number of positions per row: 7, product range: SPT 2,5/..-V-EX, pitch: 5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: multicolored, Pin layout: Linear pinning, Solder pin [P]: 2.5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)
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Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals M

Product type Printed circuit board terminal

Product family SPT 2,5/..-V-EX

Number of positions 7

Pitch 5 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 2
Electrical propertiesNominal current IN 23 A
Nominal voltage UN 176 V
Rated current / conductor cross section 23 A/2.5 mm²
Degree of pollution 3
Rated voltage (III/3) 176 V
Ex dataEx approval
Identification 0344? II 2GD / Ex eb IIC Gb
EU-type examination certificate KEMA 07ATEX0193 U
IECEEx certificate IECEEx KEM 07.0057 U
Connection dataConnection technology
Nominal cross section 2.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 4 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm² (Stripping length 8 mm)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm² (Stripping length 8 mm)
Stripping length 10 mm
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial 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
Color (Housing) multicolored ()
Insulating m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 7-V-5,0-EX GN/BU/BN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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