INDUSTRIAL COMPONENT DATA

PTSA 0,5/16-2,5-Z 1990148 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/16-2,5-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/16-2,5-Z
Catalog number	1990148
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-30603E51E0
Generated	2026-11-18

Product Overview

PCB terminal block
Terminal block for printed circuit board, rated current: 2 A, rated voltage (III/2): 250 V, rated cross-section: 0.5 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed. Offset welding pins, two rows

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)

Additional Product Information

Key Commercial Data
Orderkey 1990148
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 411 (C-1-2013)
GTIN 4017918973711
Weight per Piece (excluding packing) 5.790 g
Custom tariff number 85369010
Country of origin PL (Poland)
Dimensions

Length [l] 12 mm
Pitch 2.5 mm
Dimension a 37.5 mm
Width [w] 41.5 mm
Height 13.1 mm
Height [h] 16.7 mm
Solder pin [P] 3.6 mm
Pin spacing 2.5 mm
Hole diameter 1 mm
General
Range of articles PTSA 0,5
Insulating material group I
Rated surge voltage (III/3) 2.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 160 V
Rated voltage (III/2) 250 V
Rated voltage (II/2) 400 V
Connection in acc. with standard EN-VDE
Nominal current IN 2 A
Nominal cross section 0.5 mm²
Maximum load current 2 A
Insulating material PA
Solder pin surface
Flammability rating according to UL 94 V0
Stripping length 9 mm
Number of positions 16
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 0.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 20
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
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/16-2,5-Z 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.