

INDUSTRIAL COMPONENT DATA

SPTA-THR 1,5/ 6-3,81BDWH-PCR44 1531590 PHOENIX CONTACT PCB terminal, nominal current: 13.5 A, nominal voltag..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA-THR 1,5/ 6-3,81BDWH-PCR44



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA-THR 1,5/ 6-3,81BDWH-PCR44
Catalog number	1531590
Category	Printed circuit board terminal
Minimum order	1015 Pcs
Document ID	EO-6912E9E4F9
Generated	2026-08-04

Product Overview

PCB terminal, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of rows: 1, number of poles per row: 6, article family: SPTA 1.5/.. -THR, pitch: 3.81mm, connection type: Push-in spring connection, mounting: Solder THR, driver/PCB connection direction: 45°, color: black, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2.6mm, Number of Solder Pins by Potential: 1, Packing Type: 44mm Wide Belt

PCB terminal block, nominal current: 17.5 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of rows: 1, number of positions per row: 6, product range: SPTA 1,5/..-THR, pitch: 3.81 mm, connection method: Push-in spring connection, mounting: THR soldering, conductor/PCB connection direction: 45 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 2.6 mm, number of solder pins per potential: 1, type of packaging: 44 mm wide tape

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

Technical dataProduct propertiesProduct line COMBICON Terminals S

Product type Printed circuit board terminal

Product family SPTA 1,5/..-THR

Number of positions 6

Pitch 3.81 mm

Number of rows 1

Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current I_N 17.5 A
Nominal voltage U_N 160 V
Degree of pollution 3
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 250 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Nominal cross section 1.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 1.5 mm² (Conductor connection with open terminal point)
0.34 mm² ... 1.5 mm² (Push-in connection)
Conductor cross section flexible 0.5 mm² ... 1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 0.75 mm²
Stripping length 10 mm
MountingMounting type THR 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
Surface characteristics hot-dip tin-plated
Metal surface terminal point (top layer) Tin (2 - 4 µm Sn)
Metal s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA-THR 1,5/ 6-3,81BDWH-PCR44 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.