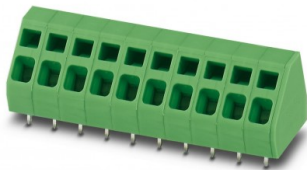


INDUSTRIAL COMPONENT DATA

ZFKDSA 2,5-5,08- 2 THTR32BD+,- 1757594 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-5,08- 2 THTR32BD+,-



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 2,5-5,08- 2 THTR32BD+,-
Catalog number	1757594
Category	Printed circuit board terminal
Minimum order	110 Pcs
Document ID	EO-64EB946258
Generated	2026-08-04

Product Overview

PCB terminal block

Printed circuit board terminal, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: ZFKDS 2,5-THT, pitch: 5.08 mm, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, Pin layout: Linear double pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, type of packaging: 32 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 type Printed circuit board terminal

Product family ZFKDS 2,5-THT

Product line COMBICON Terminals M

Type PC terminal block can be aligned

Number of positions 2

Pitch 5.08 mm

Number of connections 2

Number of rows 1

Number of potentials 2

Pin layout Linear double pinning

Solder pins per potential 2
Data management status
Article revision 00
Electrical propertiesNominal current IN 24 A
Nominal voltage UN 400 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 400 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 2.5 mm²
Conductor connection
Connection method Spring-cage 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 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm²
Stripping length 7 mm
MountingMounting type Wave soldering
Pin layout Linear double 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 Tin-plated
Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)
Metal surface soldering area (top...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 2,5-5,08- 2 THTR32BD+,- 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.