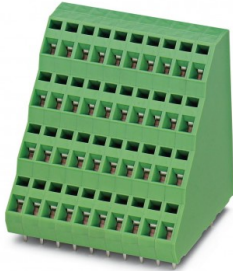


INDUSTRIAL COMPONENT DATA

ZFK4DS 1,5-5,08 GY 1729577 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFK4DS 1,5-5,08 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFK4DS 1,5-5,08 GY
Catalog number	1729577
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-736834D2D4
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 4, number of rows: 4, number of poles per row: 1, article family: ZFK4DS(A) 1.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, number of welding pins per potential: 1, packaging type: boxed packaging. Individual disc for the individual composition of different numbers of poles. To complete the block, an additional terminal block is required (see accessories). Block-bound items in different numbers of poles are also available.

Printed circuit board terminal, nominal current: 12 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm², number of potentials: 4, number of rows: 4, number of positions per row: 1, product range: ZFK4DS(A) 1.5, pitch: 5.08 mm, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: gray, Pin layout: Linear pinning, Solder pin [P]: 3.4 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Single module for the custom grouping of different numbers of positions. An end terminal block is also needed to terminate the block (...)

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 ZFK4DS(A) 1,5

Product line COMBICON Terminals S

Type PC terminal block can be aligned

Number of positions 1

Pitch 5.08 mm

Number of connections 4

Number of rows 4

Number of potentials 4

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 03

Electrical propertiesNominal current IN 12 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 1.5 mm²

Conductor connection

Connection method Spring-cage connection

Conductor cross section rigid 0.2 mm² ... 2.5 mm²

Conductor cross section flexible 0.2 mm² ... 1.5 mm²

Conductor cross section AWG 24 ... 14

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

Stripping length 7.5 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

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)

Metal surface soldering area (top layer) Ti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFK4DS 1,5-5,08 GY 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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