

INDUSTRIAL COMPONENT DATA

FKDSO 2,5/ 4-R GY 1046773 PHOENIX CONTACT PCB terminal block, nominal current: 22 A, rated voltage (III/2): ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKDSO 2,5/ 4-R GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKDSO 2,5/ 4-R GY
Catalog number	1046773
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-77C78178D4
Generated	2026-08-04

Product Overview

PCB terminal block, nominal current: 22 A, rated voltage (III/2): 250 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm. Article with lateral pin exit

Terminal block for printed circuit board, nominal current: 22 A, nominal voltage (III/2): 250 V, nominal section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: FKDSO 2.5/.. -R, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1. Item with side pin output on the right

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 > Housing (HS)

Additional Product Information

Key Commercial Data

Orderkey 1046773

Packing unit 1

GTIN 4055626644509

Custom tariff number 85369010

Drawings

Electrical parameters

Material data - contact

Dimensions for the product

Packaging information

Termination and connection method

Mechanical tests according to standard

Air clearances and creepage distances

Vibration test

Item properties

Connection capacity

Material data - housing

Dimensions for PCB design

Ambient conditions

Pull-out test

Electrical tests

Current carrying capacity / derating curves

Classifications

Drawings

Diagram

Type: FKDSO 2,5/...-L(R)

Tested according to DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 4

[Back to topItem properties](#)

Brief article description PCB terminal block

Range of articles FKDSO 2,5/...-R

Pitch 5 mm

Number of positions 4

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 4

Number of potentials 4

[Back to topElectrical parameters](#)

Nom. voltage 250 V

[Back to topConnection capacity](#)

Connection method Push-in spring connection

Conductor cross section solid 0.2 mm² ... 2.5 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 24 ... 14

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 ... 2.5 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKDSO 2,5/ 4-R 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

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.