

INDUSTRIAL COMPONENT DATA

FKDSO 2,5/ 4-L KMGY BD:5-8 1012225 PHOENIX CONTACT

Electronic terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKDSO 2,5/ 4-L KMGY BD:5-8



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKDSO 2,5/ 4-L KMGY BD:5-8
Catalog number	1012225
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-7EF0403938
Generated	2026-08-06

Product Overview

Electronic terminal block

Printed circuit board terminal, rated current: 22 A, rated voltage (III/2): 250 V, rated cross-section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: FKDSO 2.5/.. -L, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1. Printed variant, item with side pin output on the left

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)
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Additional Product Information

Key Commercial Data

Orderkey 1012225

Packing unit 1

GTIN 4055626489674

Custom tariff number 85369010

Product type Printed circuit board terminal

Approval IECEE CB Scheme

VDE report with production monitoring

EAC

cULus Recognized

Classifications

eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643

ETIM for 1012225 Connectors (EC002643)

Feature Name**Feature Value**

Height (EF000040)

19.05 mm

Number of electrical connections (EF008252)

4

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current In (EF008250)

22 A

Rated voltage (EF000228)

250 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section multi-wired (EF007343)

2.5 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.4 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Grey

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKDSO 2,5/ 4-L KMGY BD:5-8 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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