

INDUSTRIAL COMPONENT DATA

SMKDS 3/ 3 GY7042 1709147 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 3 GY7042



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 3 GY7042
Catalog number	1709147
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-21BD515A53
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 24 A, rated voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 55 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 1

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)
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Additional Product Information

Key Commercial Data

Orderkey 1709147

Packing unit 1

GTIN 4055626082639

Custom tariff number 85369010

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 1709147 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

22.37 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current In (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw 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)

0.2 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

4.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Grey

Inflammability class of insulation mate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 3 GY7042 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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