

INDUSTRIAL COMPONENT DATA

KDS 3-SI GY 1077319 PHOENIX CONTACT KDS 3-SI GY 1077319

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDS 3-SI GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	KDS 3-SI GY
Catalog number	1077319
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-2BDEE7EB53
Generated	2026-08-03

Product Overview

KDS 3-SI GY - 1077319

Terminal block for printed circuit board, rated current: 6.3 A, rated voltage (III/2): 320 V, rated section: 2.5 mm², number of rows: 1, number of poles per row: 1, article family: KDS 3-SI, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Grey, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 3.5mm, Number of Solder Pins per Potential: 2, Packaging Type: Boxed Packed

Printed circuit board terminal, nominal current: 6.3 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of rows: 1, number of positions per row: 1, product range: KDS 3-SI, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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 KDS 3-SI

Product line COMBICON Terminals M

Number of positions 1

Pitch 5.08 mm

Number of rows 1
Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 00
Electrical propertiesNominal current IN 6.3 A
Nominal voltage UN 320 V
Rated voltage (III/3) 320 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 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 PCB terminal block can be aligned in rows + fuse terminal block
Nominal cross section 2.5 mm²
Conductor connection
Connection method Screw connection with tension sleeve
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
2 conductors with same cross section, solid 0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1 mm²
Stripping length 8 mm
Drive form screw head Slotted (L)
Tightening torque 0.5 Nm ... 0.6 N...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDS 3-SI 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.