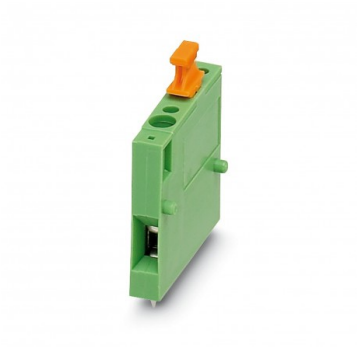
INDUSTRIAL COMPONENT DATA

KDS 3-PMT BK 1987423 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDS 3-PMT BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	KDS 3-PMT BK
Catalog number	1987423
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-50634882AC
Generated	2026-08-05

Product Overview

PCB terminal block
Printed circuit board terminal block, nominal current: 13.5 A, nominal voltage (III/2): 320 V, nominal cross-section: 2.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: KDS 3-PMT, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed
PCB terminal block, rated current: 13.5 A, dimensioning voltage (III/2): 320 V, nominal cross-section: 2.5 mm2, number of potentials: 1, number of rows: 1, number of poles per row: 1, product series: KDS 3-PMT, pitch: 5.08 mm, connection type: Screw connection with cage, screw connection form: L Longitudinal slot, Mounting: Wave soldering, conductor/board connection direction: 0°, Color: Black, Pin layout: Linear pinning, Pin length [P]: 3.5 mm, number of soldering pins per potential: 2, Package type: packed in carton

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

Key Commercial Data
Orderkey 1987423
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)

GTIN 4017918928803
Weight per Piece (excluding packing) 5.480 g
Custom tariff number 85369010
Country of origin PL (Poland)
Dimensions
Length [l] 27 mm
Pitch 5.08 mm
Width [w] 5.08 mm
Height 37 mm
Height [h] 40.5 mm
Solder pin [P] 3.5 mm
Hole diameter 1.4 mm
General
Range of articles KDS 3-PMT
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 15 A
Nominal cross section 2.5 mm²
Solder pin surface
Internal cylindrical gage A3
Stripping length 8 mm
Number of positions 1
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.6 Nm
Connection data
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
2 conductors with same cross section, solid min. 0.2 mm²
2 conductors with same cross section, solid max. 1 mm²
2 conductors with same cross section, stranded min. 0.2 mm²
2 conductors with same cross section, stranded max. 1 mm²
2 conductors with same cross section, stranded, ferrules without plas...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDS 3-PMT BK 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.