

INDUSTRIAL COMPONENT DATA

MKDS 5/ 3-6,35 GY 1030350 PHOENIX CONTACT Terminal for printed circuit board, rated voltage: 630 V, pitch: 6..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5/ 3-6,35 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5/ 3-6,35 GY
Catalog number	1030350
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-256E1648D2
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, rated voltage: 630 V, pitch: 6.35 mm, number of poles: 3, type of connection: Connection by screw with capsule-traction, assembly: wave Soldering, color: gray

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: MKDS 5, pitch: 6.35 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 0°, Color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.1mm, number of solder pins per potential: 1, Packaging type: boxed

PCB terminal, nominal current: 32 A, reference voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article range: MKDS 5, pitch: 6.35 mm, connection type: Screwed connection with ring, screw driving surface: L Longitudinal slot, mounting: Wave welding, Conductor/PCB Plugging Direction: 0°, Colour: Grey, Pin Layout: Linear Pinout, Spindle Length [P]: 5.1 mm, Number of Pins Per Potential: 1, Packaging Type: Packed in a Box

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 characteristicsProduct PropertiesProduct Type Printed circuit board terminal

Product range MKDS 5

Product Line COMBICON Terminals L

Number of poles 3

Steps 6.35 mm
Number of connections 3
Number of rows 1
Number of potentials 3
Pinout plot Linear pinout
Number of pins per potential 1
Data Management Status
Revision of the article 01
Electrical properties Rated Current IN 32 A
Rated voltage UN 630 V
Reference voltage (III/3) 500 V
Rated Shock Resistance Voltage (III/3) 6 kV
Rated Voltage (III/2) 630 V
Rated Shock Withstand Voltage (III/2) 6 kV
Reference voltage (II/2) 1000 V
Rated Shock Withstand Voltage (II/2) 6 kV
Connection features Connection technology
Type Side-by-side PCB terminal block
Nominal cross-section 4 mm²
Conductor connection
Connection type Screwed connection with ring
Rigid conductor cross-section 0.2 mm² ... 6 mm²
Soft conductor section 0.2 mm² ... 4 mm²
Conductive section. AWG 24 ... 10
Soft conductor section with end cap, without plastic bushing 0.25 mm² ... 4 mm²
Soft conductor section with plastic end cap and socket 0.25 mm² ... 4 mm²
2 rigid conductors of the same cross-section 0.2 mm² ... 1.5 mm²
2 flexible conductors of the same cross-section 0.2 mm² ... 1.5 mm²
2 conductors of the same cross-section, flexible with plastic sleeveless end cap 0.25 mm² ... 0.75 mm²
2 flexible conductors of the same cross-section with TWIN bit and plastic socket 0.5 mm² ... 2.5 mm²
Stripping length 8 mm
Screw head drive shape Longitudinal Slot (L)
Tightening tor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/ 3-6,35 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.