INDUSTRIAL COMPONENT DATA

VDFK 6 RD 1712417 PHOENIX CONTACT Panel feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: VDFK 6 RD

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	VDFK 6 RD
Catalog number	1712417
Category	Panel feed-through terminal block
Minimum order	500 Pcs
Document ID	EO-EA77BFF558
Generated	2026-11-18

Product Overview

Panel feed-through terminal block
Terminal block, connection type: Screw connection with traction capsule, Welded connection, number of poles: 1, charging current: 41 A, cross-section: 0.2 mm² - 10 mm², conductor connection direction with respect to the plug direction: 0 °, width: 10 mm
Panel feed-through terminal block, connection method: Screw connection with tension sleeve, Solder connection, number of positions: 1, load current: 41 A, cross section: 0.2 mm2 - 10 mm2, connection direction of the conductor to plug-in direction: 0 °, width: 10 mm, color: red

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 Panel feed-through terminal block
Product family VDFK 6
Number of positions 1
Pitch 10 mm
Data management status
Article revision 02
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 500 V
Rated voltage (III/3) 500 V

Rated surge voltage (III/3) 6 kV
Connection dataConnection technology
Connector system VDFK 6
Nominal cross section 6 mm²
Conductor connection exterior
Connection method Screw connection with tension sleeve
Connection direction of the conductor to plug-in direction 0 °
Conductor cross section rigid 0.2 mm² ... 10 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 6 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 6 mm²
2 conductors with same cross section, solid 0.2 mm² ... 4 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 4 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 4 mm²
Internal cylindrical gage A5
Stripping length 9 mm
Tightening torque 1.5 Nm ... 1.8 Nm
Conductor connection interior
Connection method Solder connection
Connection direction of the conductor to plug-in direction 0 °
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JE...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VDFK 6 RD 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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