INDUSTRIAL COMPONENT DATA

DFK-PC 5/ 4-STF-7,62 BK 1709143 PHOENIX CONTACT Feed-through plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-PC 5/ 4-STF-7,62 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 5/ 4-STF-7,62 BK
Catalog number	1709143
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-D0E170F76B
Generated	2026-11-19

Product Overview

Feed-through plug
Feed-through terminal, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: DFK-PC 5/.. -STF, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (screw), packaging type: boxed

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 1709143
Packing unit 1
GTIN 4055626081779
Custom tariff number 85366990
Dimensions
Length [l] 48.95 mm
Width [w] 65.1 mm
Height [h] 26.24 mm
Pitch 7.62 mm

Dimension a 22.86 mm
General
Range of articles DFK-PC 5/..-STF
Number of positions 4
Connection method Screw connection with tension sleeve
Insulating material group I
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 630 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 41 A
Nominal cross section 6 mm²
Maximum load current 41 A
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 10 mm
Screw thread M3
Tightening torque, min 0.7 Nm
Tightening torque max 0.8 Nm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 10 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 4 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 10
2 conductors with same cross section, solid min. 0.2 mm²
2 conductors with same cross sect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-PC 5/ 4-STF-7,62 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

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