INDUSTRIAL COMPONENT DATA

QPD W 3PE2,5 6-10 M25 FC BK 1582166 PHOENIX CONTACT Panel feed-through

Brand: PHOENIX CONTACT | Manufacturer Part Number: QPD W 3PE2,5 6-10 M25 FC BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	QPD W 3PE2,5 6-10 M25 FC BK
Catalog number	1582166
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-FCA48B2F74
Generated	2026-11-18

Product Overview

Panel feed-through
Feedthrough, QUICKON connection, number of poles: 3+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, black, with QUICKON nut, cable diameter range: 6 mm ... 10 mm, mounting thread: M25, Flat plug connection (for flat sockets according to DIN46247-2), 2.5 mm²

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 > QUICKON Installation System (QPD)

Additional Product Information

Key Commercial Data
Orderkey 1582166
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 479 (C-2-2017)
GTIN 4046356316859
Weight per Piece (excluding packing) 35.300 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Type QPD 4x2,5
Color black

Locking type Screw locking
Connection method QUICKON connection
IDC connection
Number of positions 4
Note number of positions 3+PE
Wrench size, union nut 22 mm
Tightening torque, union nut 5 Nm
Tightening torque, counter nut 5 Nm
Wrench size, counter nut 27 mm
Number of connections 10
Conductor cross section flexible min. 1 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section solid min. 1 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section AWG min. 16
Conductor cross section AWG max. 14
Dimensions of slip-on connection 4.8 x 0.8 mm
Cabel
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter VDE 0295 class 1 to 6/min. 0.15 mm
Wire insulation material PVC/PE/TPE/rubber
Wire diameter including insulation 2 mm ... 3.8 mm
External cable diameter 6 mm ... 10 mm
Conductor cross section 2.5 mm²
Position marking 1, 2, 3, PE
Ambient conditions
Degree of protection IP66
IP68 (2 m / 24 h)
IP69K
Ambient temperature (operation) -40 °C ... 100 °C
Ambient temperature (storage/transport) -40 °C ... 100 °C
Temperature when conductor connected -5 °C ... 50 °C
Electrical characteristics
Nominal current IN 20 A
Rated current 20 A
Rated voltage (III/3) 690...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QPD W 3PE2,5 6-10 M25 FC 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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