

## 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-137636692D                     |
| Generated       | 2026-08-05                        |

### Product Overview

Panel feed-through

Feedthrough, QUICKON connection, number of poles: 3+PE, 1 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, 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 mm<sup>2</sup>

## 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 mm<sup>2</sup>  
Conductor cross section flexible max. 2.5 mm<sup>2</sup>  
Conductor cross section solid min. 1 mm<sup>2</sup>  
Conductor cross section solid max. 2.5 mm<sup>2</sup>  
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 mm<sup>2</sup>  
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 I<sub>N</sub> 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.