

INDUSTRIAL COMPONENT DATA

QPD P 3PE2,5 6-10 GY 1400725 PHOENIX CONTACT Connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QPD P 3PE2,5 6-10 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	QPD P 3PE2,5 6-10 GY
Catalog number	1400725
Category	Sensor-actuator connector chassis
Minimum order	50 Pcs
Document ID	EO-4FBD1F24DD
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Product Overview

Connector

Connector, QUICKON connection, number of poles: 3+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, cable diameter range: 6 mm ... 10 mm

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 1400725

Packing unit 1

GTIN 4046356913003

Custom tariff number 85366990

General

Type QPD 4x2,5

Color gray

Locking type Screw locking

Connection method QUICKON connection

IDC connection

Number of positions 4

Note number of positions 3+PE

Wrench size, union nut 27 mm

Tightening torque, union nut 10 Nm

Number of connections 4

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

Cable

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

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 ... 80 °C

Temperature when conductor connected -5 °C ... 50 °C

Electrical characteristics

Nominal current I_N 20 A

Rated current 20 A

Rated voltage (III/3) 690 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Mechanical characteristics

QUICKON connectability max. 10

Insertion/withdrawal cycles 50

Category of shock impact IK07

Material data

Conta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QPD P 3PE2,5 6-10 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

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