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

PRODUCT IMAGE\nNOT AVAILABLE

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-7952F22345
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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
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
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 IN 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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