

Conductor connectors - QPD C3PE2,5 2X9-14 BK - 1423990

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Conductor connectors, QUICKON connection, number of positions: 3+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, black, With two QUICKON nuts, cable diameter range: 9 mm ... 14 mm, QUICKON fast connection

Your advantages

- ✔ Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- ✔ Convenient: quick and easy assembly without special tools
- ✔ Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- ✔ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105
- ✔ Easy and safe - with the cable connector, you can repair or extend cables quickly, in combination with the connector as well as the coupling connection

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626366074
Weight per Piece (excluding packing)	22.220 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

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
Tightening torque, union nut	10 Nm

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General

Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
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 ... 3.6 mm
External cable diameter	9 mm ... 14 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 ... 100 °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 (QUICKON connections max. 10)
Category of shock impact	IK07

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0

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Material data

Overvoltage category	III
Degree of pollution	3

Standards and Regulations

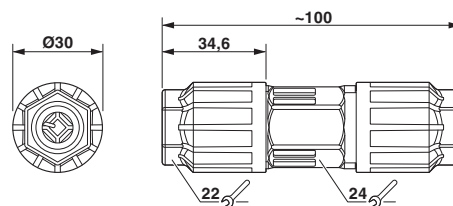
Halogen-free	yes
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing

Classifications

eCl@ss

eCl@ss 7.0	27440605
eCl@ss 9.0	27440605

ETIM

ETIM 6.0	EC002560
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Accessories

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Coding element

Coding profile - CP QPD 4X2,5 - 1425950



Coding profile red, for pushing into the QUICKON dome and connector, can be positioned in 90° steps.

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Protective cap

Protective cap - QPD QSK 5X1,5 - 1414758



Protective cap plastic, for QPD-QUICKON connection 5x 1.5 mm², IP50

Protective cap - QPD QSK BK 5X1,5 FS - 1414728



Protective cap, plastic, for QUICKON connection, black, with retaining cord, IP68

Sealing plugs

Closing cap - SEALING PLUG 14X22 RD - 1400270



Closing cap, PA, for threads pluggable, color: red

Socket spanner

Socket wrench - QSS 22 - 1670206



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 22 mm
