

Conductor connectors - QPD C 4PE1,5 2X5-10 BK - 1414740

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Conductor connectors, QUICKON connection, No. of pos.: 4+PE, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, With two QUICKON nuts, Cable diameter: 5 mm ... 10 mm

Why buy this product

- ✓ 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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 033556
GTIN	4055626033556
Weight per Piece (excluding packing)	60.000 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Design	QPD 5x1,5
Color	black
Locking type	Screw locking
Connection method	QUICKON connection

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Technical data

General

	IDC connection
Number of positions	5
Note number of positions	4+PE
Tightening torque, union nut	5 Nm
Tightening torque, counter nut	5 Nm
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	16

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	1.6 mm ... 3 mm
External cable diameter	5 mm ... 10 mm
Position marking	1, 2, 3, N, PE

Ambient conditions

Degree of protection	IP66
	IP68
	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	17.5 A
Rated current	17.5 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
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Mechanical characteristics

Insertion/withdrawal cycles	10 (Quickon connections max. 10)
Category of shock impact	IK07

Material data

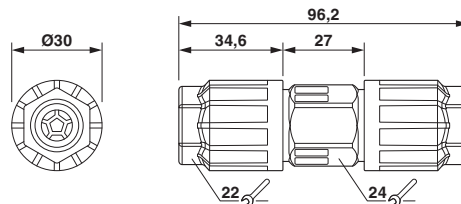
Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0
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Drawings

Dimensional drawing



Dimensional drawing

Approvals

Approvals

Approvals

GL / VDE approval of drawings / IECCEB Scheme


Ex Approvals


Approval details

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Approvals

GL		http://exchange.dnv.com/tari/	6195914 HH
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VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40029149
mm²/AWG/kcmil	0.5-1.5		
Nominal current I _N	17.5 A		
Nominal voltage U _N	690 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58228
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