

Q 0,75/4IDC/18-18KU-KU BK

Order No.: 1642140

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642140>QUICKON conductor connector, 4-pos., connection cross-section
0.34-0.75 mm²**Commercial data**

GTIN (EAN)	 4 017918 923891
sales group	D063
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 49 (PC-2009)

Product notesWEEE/RoHS-compliant since:
12/01/2005

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Technical data**General characteristics**

Color	black
Connection method	QUICKON connection
Type of connection	IDC connection
Number of positions	4
Wrench size, union nut	15 mm

Tightening torque, union nut	1.2 Nm
Wrench size, contact carrier	15 mm
Conductor cross section stranded min.	0.34 mm ²
Conductor cross section stranded max.	0.75 mm ²
Conductor cross section solid min.	0.34 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	18

Conductor data

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
Wire diameter including insulation	1.3 mm ... 2.6 mm
External cable diameter	4 mm ... 8 mm

Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-40 °C ... 80 °C (specifications of the cable manufacturer must also be observed)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

Electrical characteristics

Nominal current I _N	9 A
Rated current	9 A
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	500 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

Mechanical characteristics

QUICKON connectability	max. 10
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Material data

Contact material	Steel
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Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Inflammability class acc. to UL 94	V0
Surge voltage category	III
Pollution degree	3

Certificates / Approvals



Certification

CUL, UL, VDE-PZI

Accessories

Item	Designation	Description
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Protection and sealing elements

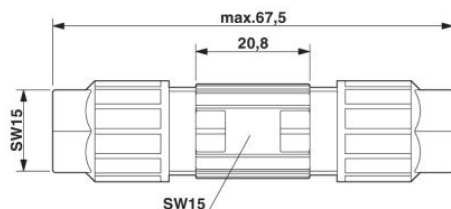
1400257	SEALING PLUG 8X16 RD	Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 8 mm
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Tools

1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter
1641992	QSS 15	Allen wrench, for loosening and fastening the QUICKON union nut, WAF 15 mm

Diagrams/Drawings

Dimensioned drawing



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