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Extract from the online catalog


Q 0,34/4IDC/16-16KU-KU BK

Order No.: 1641879



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1641879>

QUICKON conductor connector, 4-pos., connection cross section 0.14-0.34 mm²

Commercial data	
GTIN (EAN)	 4 017918 925185
sales group	D430
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 49 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
12/01/2005



<http://www.download.phoenixcontact.com>
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General characteristics	
Color	black
Connection method	QUICKON connection
Type of connection	IDC connection
Number of positions	4
Tightening torque, union nut	0.8 Nm

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Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.34 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.25 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22

Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6 / min. 0.10 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	0.7 mm ... 1.6 mm
External cable diameter	3.5 mm ... 6 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	5 A
Rated current	5 A
Rated voltage (III/3)	125 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	320 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

Mechanical characteristics

QUICKON connectability	max. 10
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Material data

Contact material	Steel
Contact surface material	Tin-plated
Contact carrier material	PA

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Insulating material	PA
Inflammability class acc. to UL 94	V0
Surge voltage category	III
Pollution degree	3

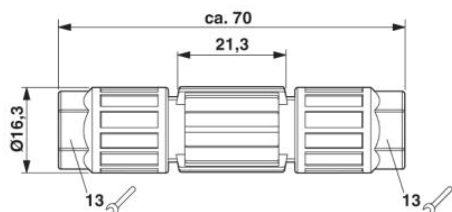
Accessories

Item	Designation	Description
Protection and sealing elements		
1400254	SEALING PLUG 6X16 RD	Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 6 mm

Tools		
1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter

Diagrams/Drawings

Dimensioned drawing



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Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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