

**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 mm<sup>2</sup>**Commercial data**

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| GTIN (EAN)               |  |
| 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             |

|                                        |                      |
|----------------------------------------|----------------------|
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 0.34 mm <sup>2</sup> |
| Conductor cross section solid min.     | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.     | 0.25 mm <sup>2</sup> |
| 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 <sub>N</sub> | 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 |
|------------------------|---------|

#### Material data

|                          |            |
|--------------------------|------------|
| Contact material         | Steel      |
| 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   |

**Accessories**

|      |             |             |
|------|-------------|-------------|
| Item | Designation | Description |
|------|-------------|-------------|

**Protection and sealing elements**

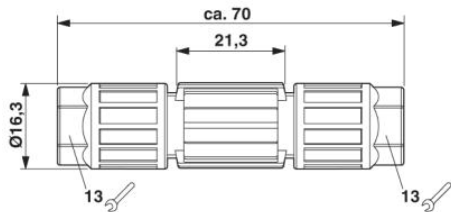
|         |                      |                                                                                              |
|---------|----------------------|----------------------------------------------------------------------------------------------|
| 1400254 | SEALING PLUG 6X16 RD | Closing 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



**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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