



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 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 |
| 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 |
|------------------------|---------|

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 |

Certificates / Approvals



Certification

CUL, UL, VDE-PZI

Accessories

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

Protection and sealing elements

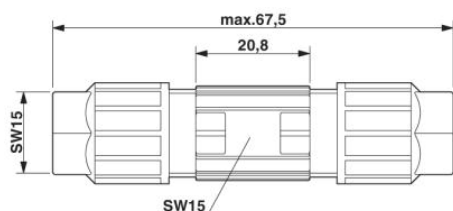
| | | |
|---------|----------------------|--|
| 1400257 | SEALING PLUG 8X16 RD | Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 8 mm |
|---------|----------------------|--|

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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