

Conductor connectors - Q 1,5/3IDC/13-13KU-KU - 1670248

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Conductor connectors to connect circular conductors.

Your advantages

- Robust throughout: housing with IP65/IP67 protection for a wide range of applications
- Convenient: quick and easy assembly without special tools

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 146504 |
| GTIN | 4017918146504 |

Technical data

General

| | |
|---------------------------------------|---|
| Connection | If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load. |
| Color | green |
| Locking type | without |
| Connection method | QUICKON connection IDC connection |
| Number of positions | 3 |
| Wrench size, union nut | 24 mm |
| Tightening torque, union nut | 2.5 Nm |
| Wrench size, contact carrier | 24 mm |
| Number of connections | 3 |
| Conductor cross section flexible min. | 0.75 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section solid min. | 0.75 mm ² |

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Technical data

General

| | |
|------------------------------------|-------------------|
| Conductor cross section solid max. | 1 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 16 |

Cabel

| | |
|---|--|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.2-5, min. wire diameter 0.2 mm |
| Wire insulation material | PVC / PE |
| Wire diameter including insulation | ≥ 3 mm |
| External cable diameter | 7 mm ... 9 mm |
| Position marking | 1, 2, 3 |

Ambient conditions

| | |
|---|---|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C |
| | -25 °C ... 50 °C (when the conductor is connected. 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 |

Electrical characteristics

| | |
|--------------------------------|--------|
| Nominal current I _N | 17.5 A |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |

Mechanical characteristics

| | |
|--------------------------|---|
| QUICKON connectability | max. 10 (if the conductor is connected more than once, seal and cap may need to be replaced.) |
| Impact category | 3 |
| Category of shock impact | IK06 |

Material data

| | |
|--|--------------|
| Contact material | Copper alloy |
| Contact surface material | Tin-plated |
| Contact carrier material | PA 6.6 |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Overvoltage category | III |
| Degree of pollution | 3 |

Standards and Regulations

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Technical data

Standards and Regulations

| | |
|--|-----|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals


Approvals


Approvals


UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal voltage UN | | 250 V | |
| Nominal current IN | | 15 A | |

| | | | |
|--------------------|---|---|---------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal voltage UN | | 250 V | |
| Nominal current IN | | 11 A | |

| | | |
|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.A*30.B.01102 |
|-----|---|--------------------------|

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Approvals

cULus Recognized



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