

Connector - HC-A3-BUQ1,5-KML-G-PA - 1641617

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




HEAVYCON QUICKON coupling housing A3, with single locking latch, 3-pos., with PE connection, socket, QUICKON connection, straight cable outlet



COMPLETE RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 899370 |
| GTIN | 4017918899370 |

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. |
| Assembly instructions | This product is only intended for use outdoors. |
| Type | Socket |
| | D7 |
| Housing type | Complete housing |
| Locking type | with single locking latch |
| Connection method | QUICKON connection |
| | QUICKON fast connection |
| Number of positions | 3 |
| Wrench size, union nut | 19 mm |
| Tightening torque, union nut | 3 Nm |
| Conductor cross section flexible min. | 0.75 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 16 |

Cabel

Connector - HC-A3-BUQ1,5-KML-G-PA - 1641617

Technical data

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 | 1.8 mm ... 3 mm |
| External cable diameter | 6 mm ... 12 mm |

Ambient conditions

| | |
|---|--|
| Degree of protection (IP) | IP65 |
| Ambient temperature (operation) | -25 °C ... 80 °C |
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |
| Temperature when conductor connected | -5 °C ... 50 °C (specifications of the cable manufacturer must also be observed) |

Electrical characteristics

| | |
|-----------------------------------|-----------|
| Rated current | 10 A |
| Note on the rated voltage (III/3) | 230/400 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 | 10 (For the same conductor cross section) |
| Insertion/withdrawal cycles | >= 500 |

Material data

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

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

Connector - HC-A3-BUQ1,5-KML-G-PA - 1641617

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / DNV GL / 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 | | 600 V | |
| Nominal current IN | | 10 A | |
| mm ² /AWG/kcmil | | 18-16 | |

| | | | |
|----------------------------|--|---|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal voltage UN | | 600 V | |
| Nominal current IN | | 10 A | |
| mm ² /AWG/kcmil | | 18-16 | |

| | | |
|-----|--|----------------------|
| EAC | | RU C-DE.AI30.B.01102 |
|-----|--|----------------------|

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

| | | | |
|--------|--|---|------------|
| DNV GL | | https://approvalfinder.dnvgl.com/ | TAE000037S |
|--------|--|---|------------|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>