

Conductor connectors - SACC-CC-8QO-0,5 SH - 1414612

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Cable connector, 8-pos., halogen-free, shielded, insulation displacement connection, housing material: zinc die-cast, nickel-plated, outer cable diameter of 5 mm ... 9.7 mm

Your advantages

- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- Convenient: quick and easy assembly without special tools
- Insulation displacement connection: innovative and time-saving assembly without stripping the single wire
- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 029597 |
| GTIN | 4055626029597 |

Technical data

Dimensions

| | |
|--------------------------------|-----------------|
| Wrench size, union nut | 15 mm |
| External diameter | 5 mm ... 9.7 mm |
| Stripping length of the sheath | ≥ 80 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -5 °C ... 50 °C |
| Degree of protection | IP65 |
| | IP67 |

General

| | |
|------|--|
| Note | NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending |
|------|--|

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Technical data

General

| | |
|---|--|
| | forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties. |
| Rated current at 40°C | 2 A |
| Rated voltage | 30 V AC |
| | 30 V DC |
| Number of positions | 8 |
| Insulation resistance | ≥ 100 MΩ |
| Standards/regulations | according to IEC 61076-2-101 |
| | Shock, vibration EN 50155:2001 |
| Signal type/category | Universal |
| Status display | No |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Connection method | Insulation displacement connection |
| Conductor cross section | 0.14 mm ² ... 0.5 mm ² |
| Conductor cross section AWG | 26 ... 20 |
| Wire diameter including insulation | 0.75 mm ... 2 mm |
| Frequency of connections between conductors of the same cross section | 10 |
| Wire insulation material | PVC / PE / PP / rubber |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | Class 2-6 |
| Torque | 5 Nm (Pressure nut) |
| Assembly instructions | If the conductor is to be reconnected, it must be cut off above the last contact point. |

Material

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|--|---|
| Flammability rating according to UL 94 | V0 |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 6.6 |
| Material of grip body | Zinc die-cast, nickel-plated |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |
| Standards/regulations | PA 6.6: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |

Standards and Regulations

| | |
|--|--------------------------------|
| Standards/specifications | according to IEC 61076-2-101 |
| | Shock, vibration EN 50155:2001 |
| Flammability rating according to UL 94 | V0 |
| Standards/regulations | acc. to DIN EN 45545-2 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|

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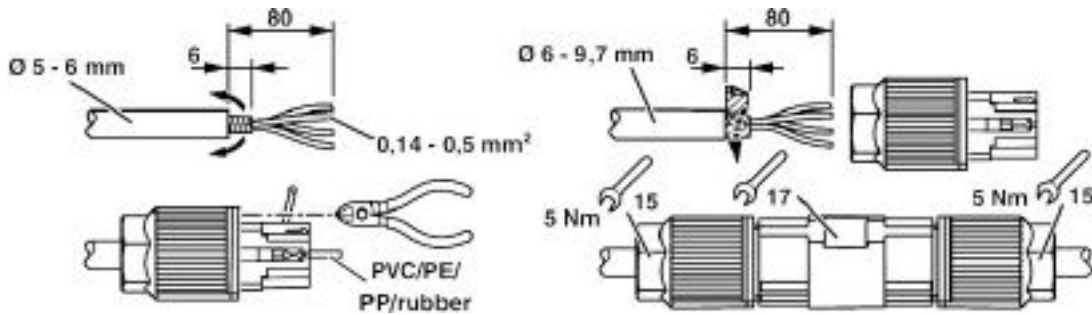
Technical data

Environmental Product Compliance

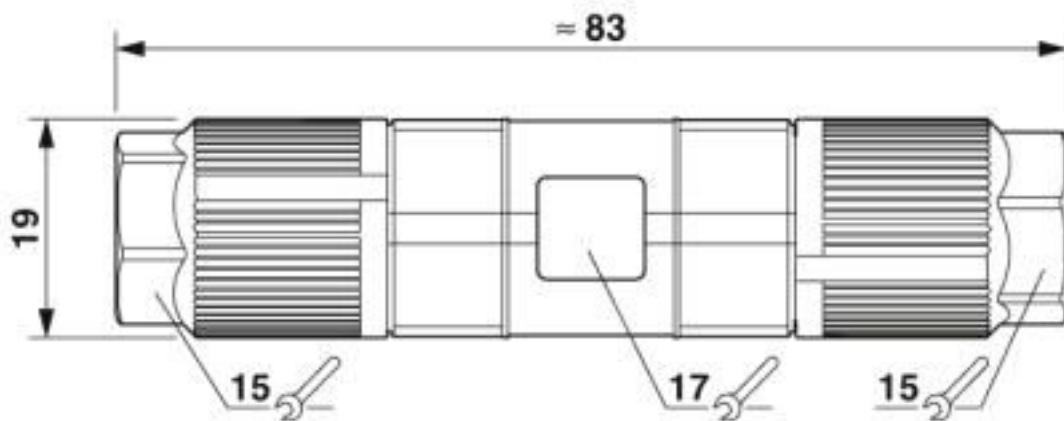
| | |
|--|--|
| | No hazardous substances above threshold values |
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Drawings

Functional drawing



Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 4.0 | 27140800 |
| eCl@ss 4.1 | 27140800 |
| eCl@ss 5.0 | 27143400 |
| eCl@ss 5.1 | 27143400 |
| eCl@ss 6.0 | 27143400 |
| eCl@ss 7.0 | 27440605 |
| eCl@ss 8.0 | 27440605 |
| eCl@ss 9.0 | 27440102 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002062 |
| ETIM 6.0 | EC002560 |
| ETIM 7.0 | EC002560 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121402 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

Approvals

Approvals

Approvals

EAC / EAC-RoHS / EAC

Ex Approvals

Approval details

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.BL08.B.00511 |
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|----------|--|--------------------------|
| EAC-RoHS | | RU D- DE.HB35.B.00387 |
|----------|--|--------------------------|

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

Accessories

Accessories

Electronics pliers

Conductor connectors - SACC-CC-8QO-0,5 SH - 1414612

Accessories

Diagonal cutter - MICROFOX-SB - 1212489



Electronic diagonal cutter, round head, without chamfer, with opening spring, mirror-polished and oiled, 2-component grip, cutting capacity: soft 0.2 - 2.0 mm; medium hard 1.2 mm; hard 0.5 mm diameter

Stripping tool

Stripping tool - WIREFOX-D 40 - 1212161



Stripping tool, for stripping cables of 4.5 mm - 40 mm-Ø, insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

Shielding foil - VS-08-RJ45-FOLIEN-SET - 1417184

Shielding foil set, 25 pieces, replacement for RJ45 and M12 Quickon connector



Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

Stripping tool, for the multi-level stripping of shielded cables



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