

## 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
Weight per Piece (excluding packing)	61.000 g
Weight per piece (including packing)	61.000 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### 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

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## Technical data

### Ambient conditions

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 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 <sup>2</sup> ... 0.5 mm <sup>2</sup>
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

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
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## Technical data

### Standards and Regulations

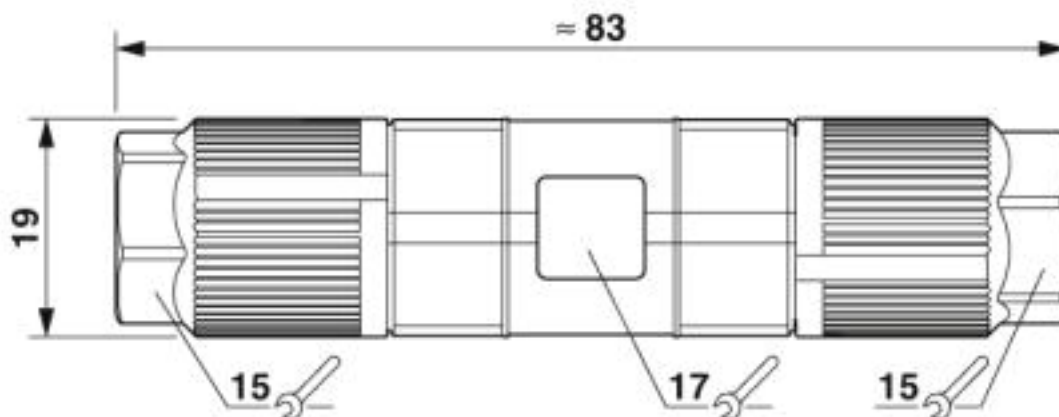
	Shock, vibration EN 50155:2001
Flammability rating according to UL 94	V0

### Environmental Product Compliance

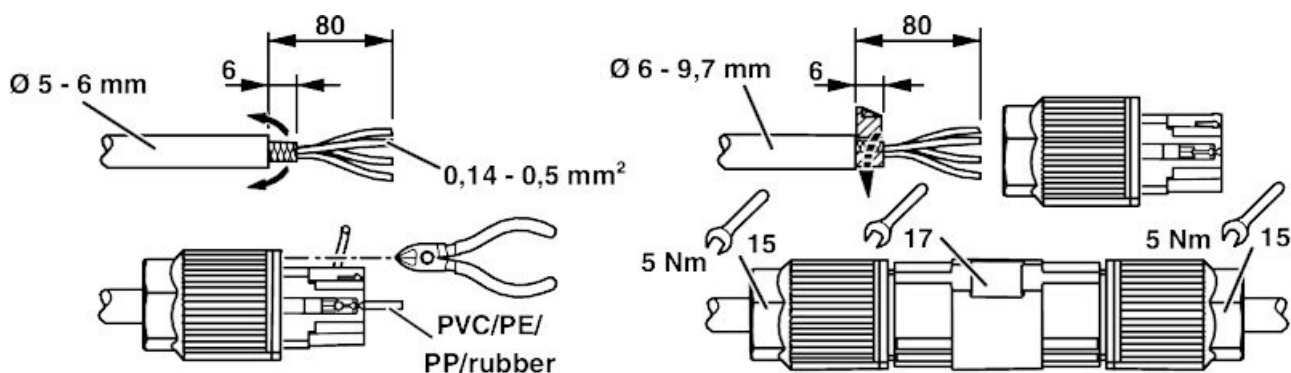
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Functional drawing



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## 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

### 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

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.BL08.B.00511
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## Accessories

Accessories

Electronics pliers

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### 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

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### 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

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

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



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



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