Cable connector - CA-16S1N1280DNS - 1619589

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The figure shows the 12-pos. product version

Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 16, type of contact: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Reduced connection time with SPEEDCON fast locking system
- Solder connection: proven connection technology for various litz wires

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 822855
GTIN	4046356822855

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C

Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Socket
Application	Signal

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Technical data

Data of the insulating body

Number of positions	16
Direction of rotation	Standard
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage of signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

Housing material	CuZN, GD-Zn
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Cable diameter	3 mm ... 14.5 mm
Sealing material	NBR

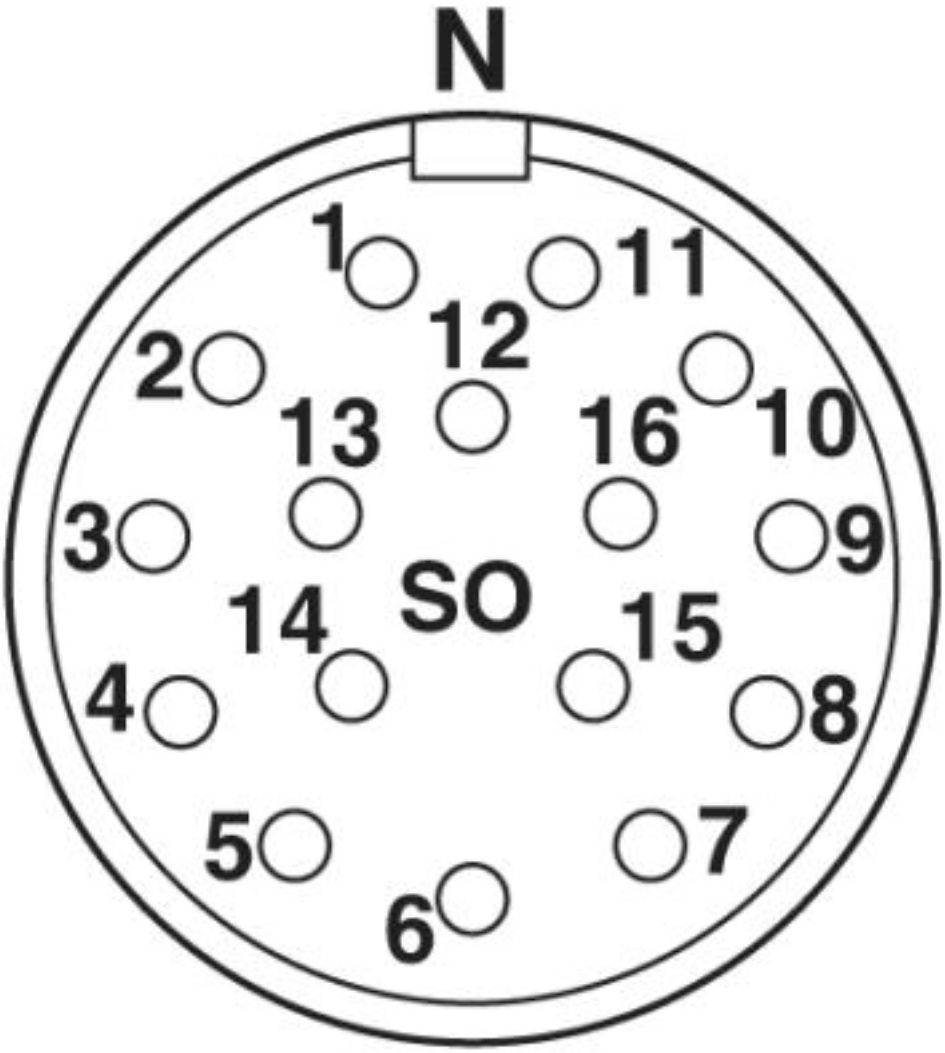
Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

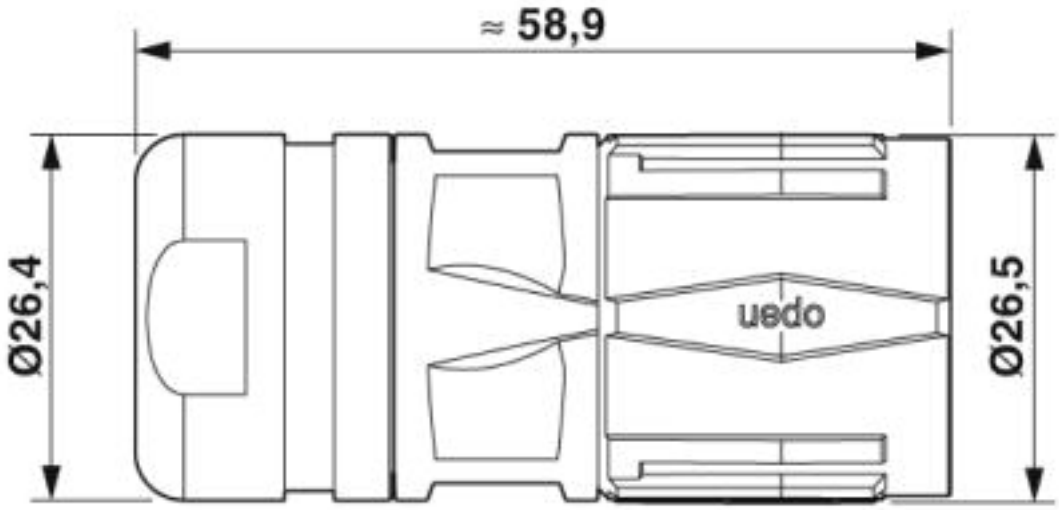
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Schematic diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413

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Classifications

UNSPSC

UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210

Nominal voltage UN	150 V
Nominal current IN	8 A
mm²/AWG/kcmil	18

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210

Nominal voltage UN	150 V
Nominal current IN	5 A
mm²/AWG/kcmil	18

EAC		B.01687

cULus Recognized	

Accessories

Accessories

Mounting material

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Accessories

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

Square mounting flange - RF-Z0003 - 1607905



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm

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Protective cover

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Accessories

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

Plastic anti-static dust protection cap - RC-Z2468 - 1611796



Plastic protection cap, antistatic, for connectors with M23 knurled nut

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Metal protective cap - CA-Z0077 - 1627224



Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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