PHŒNIX CONTACT

Cable connector - CA-1RS1N8A8006S - 1623836

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Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 16+2+PE, type of contact: Socket, Crimp connection, cable diameter range: 4 mm ... 6 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

☑ Crimping connection: vibration- and temperature-resistant assembly

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 228570
GTIN	4055626228570
Custom tariff number	85366990
Country of origin	Germany

Technical data

Data of the insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 3 x Ø 1.5 mm separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket

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Technical data

Data of the insulating body

Application	Signal
Number of positions	19
Direction of rotation	Standard
Contact diameter of power contacts	1.5 mm
Litz wire cross section of power contacts min.	0.08 mm²
Litz wire cross section of power contacts max.	1 mm²
Rated current for power contacts	10 A
Note	for max. connection cross section
Rated voltage of power contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Note	for max. connection cross section
Rated voltage of signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Note	for max. connection cross section

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	4 mm ... 6 mm
Sealing material	NBR

Environmental Product Compliance

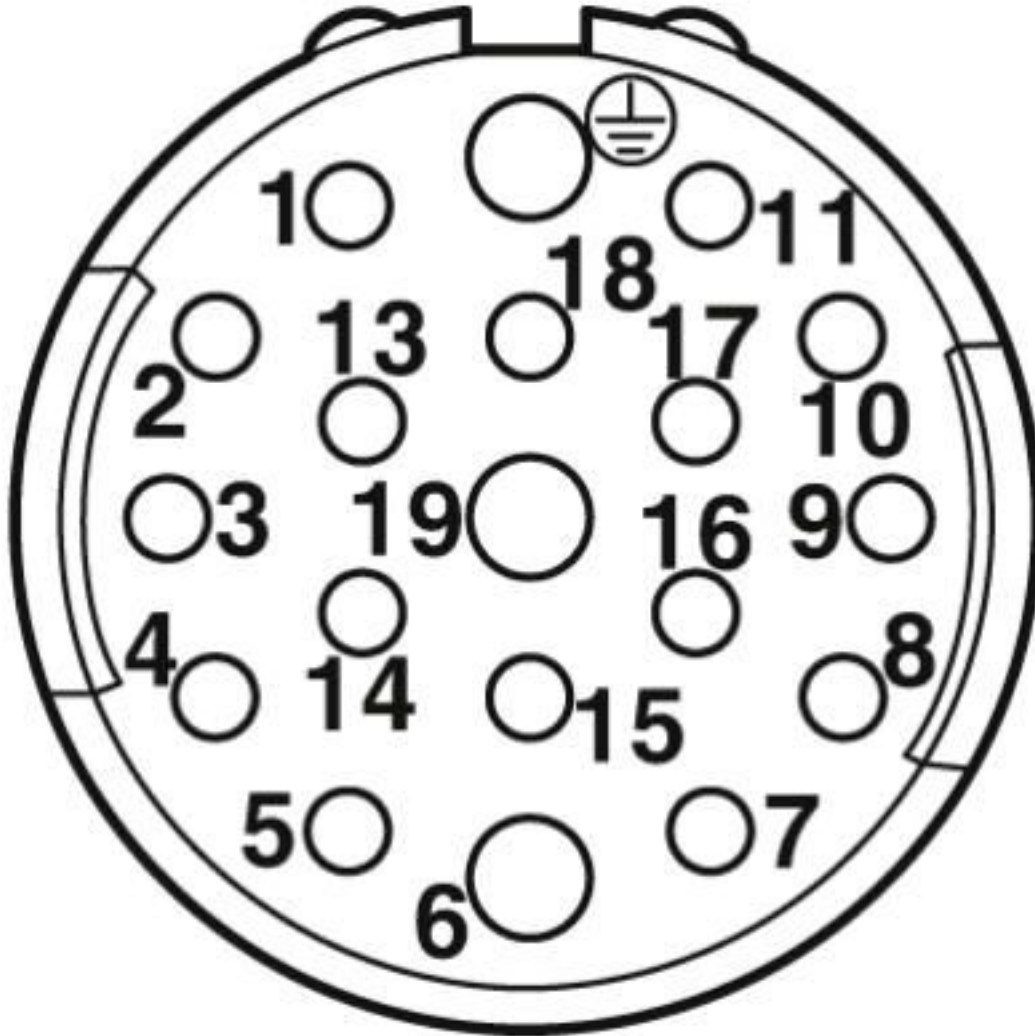|	
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Drawings

Dimensional drawing

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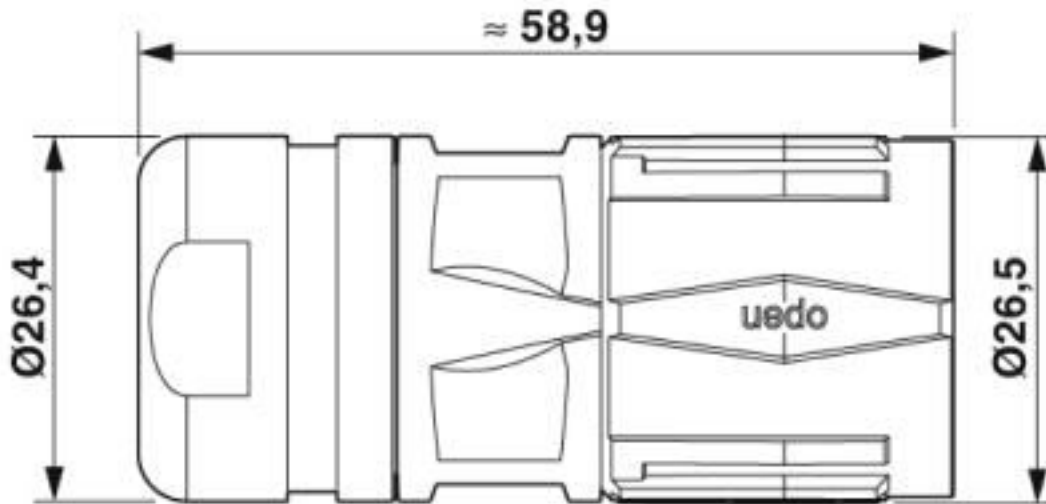
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Schematic diagram

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

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Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
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	

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Approvals

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

Crimp contact

Crimp contact - RC-11S2000 - 1596772

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-12S2000 - 1599600

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

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Accessories

Crimp contact - RC-1KS2000 - 1602998

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-15S2000 - 1623775

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-15S2200 - 1627290

Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.08 mm² ... 0.22 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456

Torque screwdriver

Square mounting flange - RF-Z0003 - 1607905

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

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Accessories

Special wrench - RF-Z0007 - 1614347

Special wrench

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

Protective cover

Protective cap - RC-Z2058 - 1604223

Plastic protection cap for connectors with M23 knurled nut

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Accessories

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

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

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

Hook wrench - SF-Z0027 - 1607455

Hook wrench

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