CA-12S2S8A80DN - Cable connector

1621436

https://www.phoenixcontact.com/us/products/1621436

PHŒNIX CONTACT

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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 12, Direction of rotation: Counter direction, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: S, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1244400

Commercial data

Item number	1621436
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB33
Product key	ABRAEA
GTIN	4046356932530
Weight per piece (including packing)	93.5 g
Weight per piece (excluding packing)	86.71 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Coding	S
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

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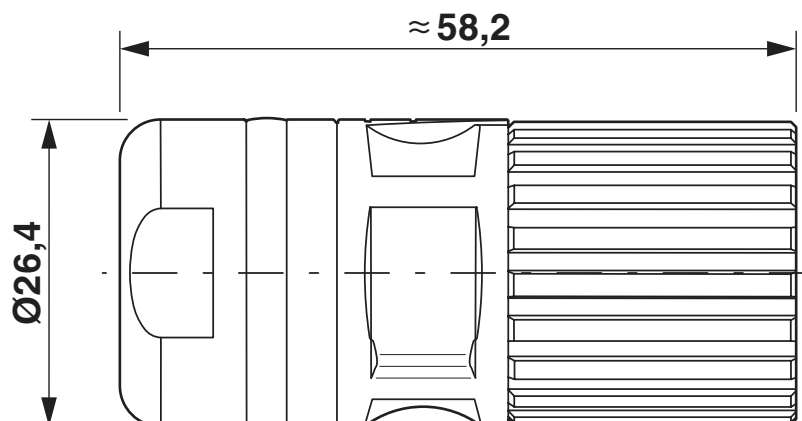https://www.phoenixcontact.com/us/products/1621436

Drawings

Schematic diagram
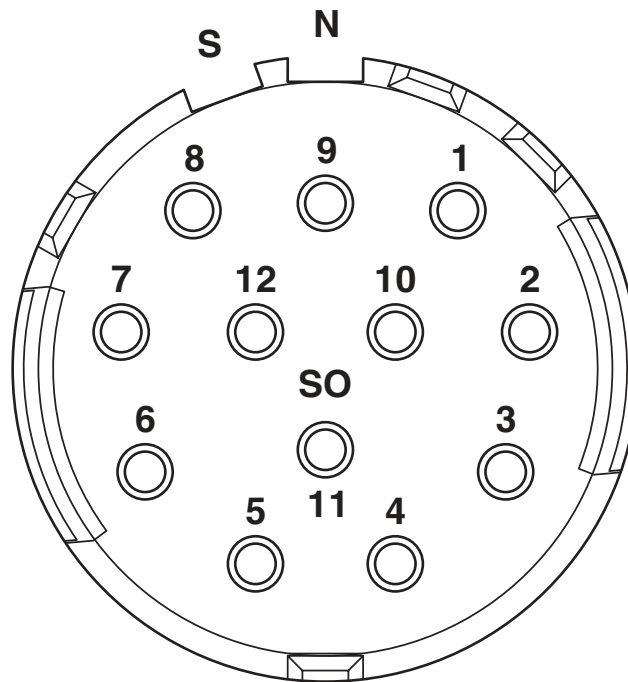
Contact chamber numbering (view of plug-in side), socket counter direction

Dimensional drawing

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

RC-Z2058 - Protective cap

1604223

https://www.phoenixcontact.com/us/products/1604223

Plastic protection cap for connectors with M23 knurled nut

RC-Z2468 - Protective cap

1611796

https://www.phoenixcontact.com/us/products/1611796

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

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CA-Z0077 - Metal protective cap

1627224

https://www.phoenixcontact.com/us/products/1627224

Metal protective cap, degree of protection: IP67, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1245447

SF-Z0028 - Torque screwdriver

1607456

https://www.phoenixcontact.com/us/products/1607456

Torque screwdriver, series: RC

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SF-Z0027 - Hook wrench

1607455

https://www.phoenixcontact.com/us/products/1607455

Hook wrench, series: RC

RF-Z0014 - Color-coding

1620588

https://www.phoenixcontact.com/us/products/1620588

Color-coding, color: green

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RF-Z0015 - Color-coding

1620592

https://www.phoenixcontact.com/us/products/1620592

Color-coding, color: orange

RF-Z0016 - Color-coding

1620593

https://www.phoenixcontact.com/us/products/1620593

Color-coding, color: black

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RC-22S2000 - Crimp contact

1603327

https://www.phoenixcontact.com/us/products/1603327

Crimp contact, Socket, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Single contact, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

RC-12S2000 - Crimp contact

1599600

https://www.phoenixcontact.com/us/products/1599600

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm^2 ... 0.56 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241093

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https://www.phoenixcontact.com/us/products/1621436

RF-Z0003 - Square mounting flange

1607905

https://www.phoenixcontact.com/us/products/1607905

Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242369

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