

CA-12S2N8A80DNX - Cable connector



1244398

<https://www.phoenixcontact.com/in/products/1244398>

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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: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1244398
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ABRAEA
GTIN	4063151409142
Weight per piece (including packing)	92.8 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)
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Connector

Direction of rotation	Counter direction
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Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter	1 mm
Power contacts	
Rated current	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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

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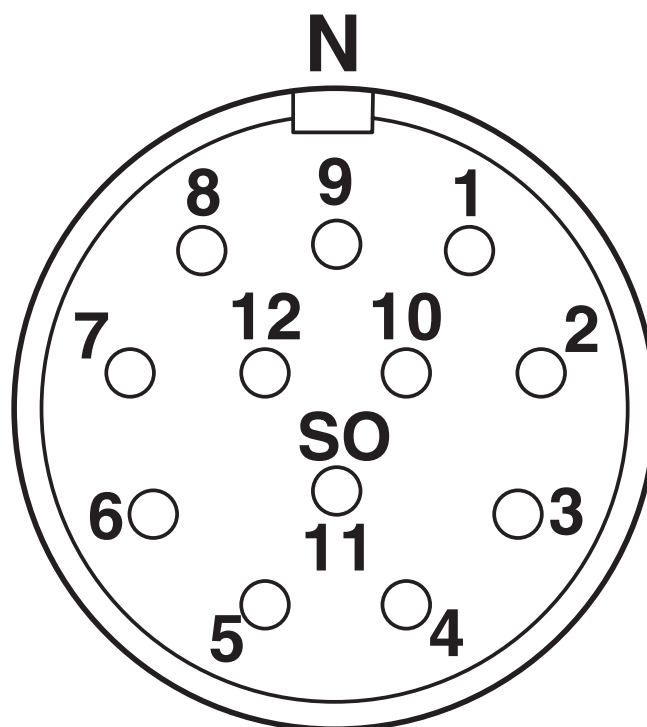
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Drawings

Schematic diagram



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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1244398>

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	4 A	20	-

UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	6 A	20	-

cULus Recognized				
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121100
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

CA-Z0077X - Metal protective cap

1245447

<https://www.phoenixcontact.com/in/products/1245447>



Metal protective cap, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

SF-Z0028 - Torque screwdriver

1607456

<https://www.phoenixcontact.com/in/products/1607456>



Torque screwdriver, series: RC, UC, SH, SF

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SF-Z0027 - Hook wrench

1607455

<https://www.phoenixcontact.com/in/products/1607455>



Hook wrench, series: RC, UC, RF, SF

RF-Z0014 - Color coding

1620588

<https://www.phoenixcontact.com/in/products/1620588>



Color coding, color: green

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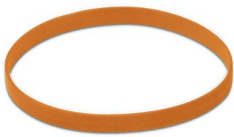


RF-Z0015 - Color coding

1620592

<https://www.phoenixcontact.com/in/products/1620592>

Color coding, color: orange



RF-Z0016 - Color coding

1620593

<https://www.phoenixcontact.com/in/products/1620593>

Color coding, color: black



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RC-22S2000 - Crimp contact

1603327

<https://www.phoenixcontact.com/in/products/1603327>



Crimp contact, Socket, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm², Single contact, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

RC-10KS0,08-0,56 - Crimp contact

1241093

<https://www.phoenixcontact.com/in/products/1241093>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.56 mm², Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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RF-Z0003X - Square mounting flange

1242369

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Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

<https://www.phoenixcontact.com/in/products/1577206>



Plastic protective cap, M23, series: CA, RC, RF, UC, RM

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