

CA-12S2N1280DNS - Cable connector



1621399

<https://www.phoenixcontact.com/us/products/1621399>

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M23, Cable connector, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N

Commercial data

Item number	1621399
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAEA
GTIN	4046356918510
Weight per piece (including packing)	98.6 g
Weight per piece (excluding packing)	98.6 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Electrical properties

Contact: Contact group 1

Contact diameter	1 mm
Min. cross section	0.08 mm ²
Max. cross section	1 mm ²
Nominal current I _N	8 A
Nominal voltage U _N	150 V
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Direction of rotation	Counter direction
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Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Number Contact (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm ²
Litz wire cross-section max. Contact (Contact group 1)	1 mm ²
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Cable connector housing
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Thread type	M23
Design	straight
Type of locking	SPEEDCON
Pg screw connection	none
Housing material	CuZN, GD-Zn
Degree of protection (plugged in)	IP67

Seal

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

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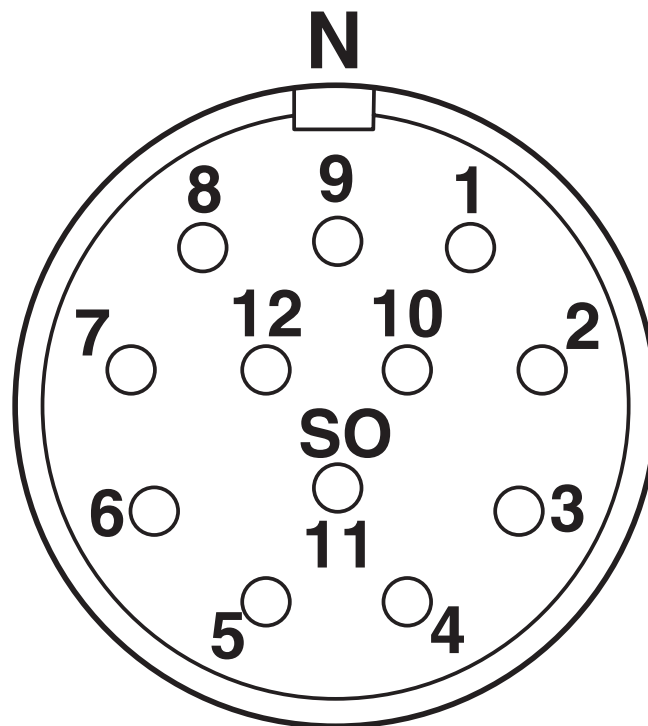


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Drawings

Schematic diagram



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

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com