

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

Contact

Overvoltage category	II
Degree of pollution	3

Connector

Direction of rotation	Counter direction
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Insulating body

Coding	N
Contact material	CuZn
Contact surface material	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

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Housing

Thread type	M23
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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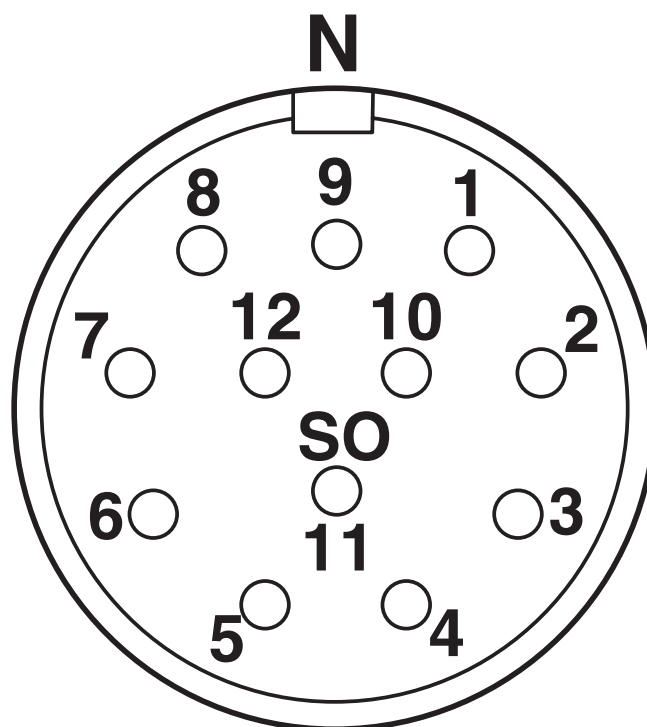


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Drawings

Schematic diagram



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

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