

CA-07S1N8AT0DN - Cable connector



1619337
<https://www.phoenixcontact.com/gb/products/1619337>

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M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243458

Your advantages

- Angled cable outlet for confined spaces
- Can be adapted to various applications, thanks to adjustable cable outlet direction
- 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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619337
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEC
Product key	ABRAEC
Catalog page	Page 92 (C-2-2019)
GTIN	4046356825078
Weight per piece (including packing)	188 g
Weight per piece (excluding packing)	140.11 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order 7 x Ø 2 mm crimp contacts separately
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Product properties

Product type	Circular connector (cable-side)
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Data management status

Article revision	04
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Connector

Connection 1

Head design	Socket
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Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter	2 mm
Litz wire cross-section	Signal contacts min. 1 mm ²
Litz wire cross-section	Signal contacts max. 2.5 mm ²
Nominal current per signal contact	20 A
Rated voltage	Signal contact 48 V AC
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
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Seal material	NBR
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

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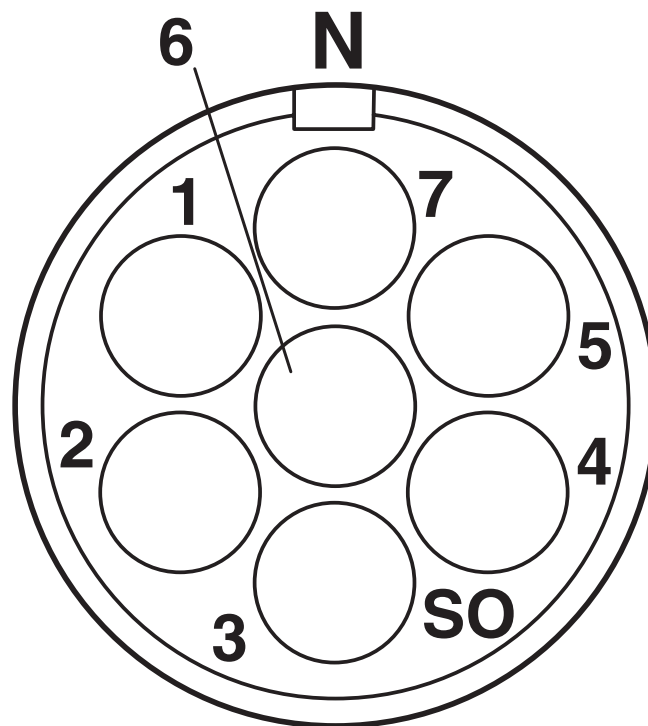
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Drawings

Schematic diagram



Connector pin assignment


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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1619337>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	10 A	14 - 14	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	17 A	14 - 14	-

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	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	94b7b0f1-8d60-4cc6-8506-d0675ecb1533

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