

CA-07S1N8A8007S - Cable connector



1619528
<https://www.phoenixcontact.com/us/products/1619528>

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M23, Cable connector, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243638

Your advantages

- 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
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619528
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEB
Catalog page	Page 84 (C-2-2019)
GTIN	4046356823272
Weight per piece (including packing)	93.2 g
Weight per piece (excluding packing)	93.2 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	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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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	1 mm ²
Litz wire cross-section	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	CuZn, GD-Zn
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	6 mm ... 10 mm
Seal material	NBR

Environmental and real-life conditions

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1619528

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Ambient conditions

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

CA-07S1N8A8007S - Cable connector

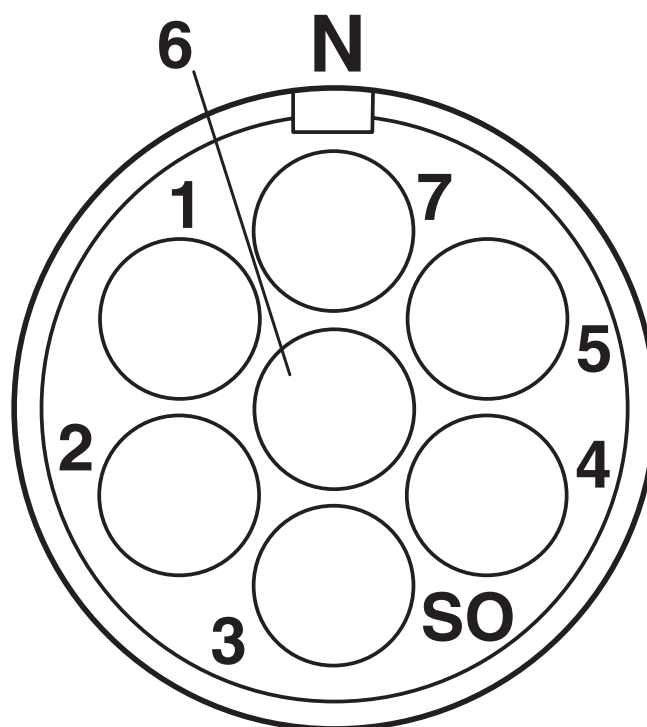
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Drawings

Schematic diagram



Connector pin assignment

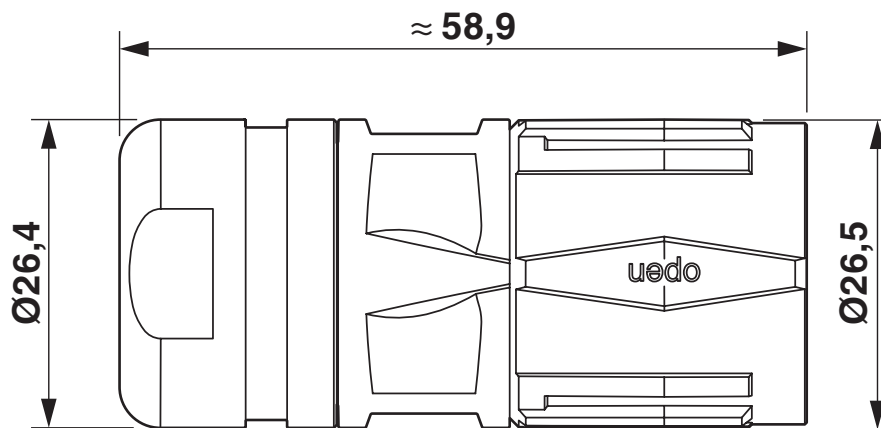
CA-07S1N8A8007S - Cable connector

1619528

<https://www.phoenixcontact.com/us/products/1619528>



Dimensional drawing



Technical drawings can be found under Downloads

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1619528

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619528>

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

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

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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1619528

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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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