

CA-07S1N8A2S00 - Device connector front mounting



1619987

<https://www.phoenixcontact.com/us/products/1619987>

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619987
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820073
Weight per piece (including packing)	26.2 g
Weight per piece (excluding packing)	19.979 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Circular connectors (device side)
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Connector

Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Number Contact (Signal contacts)	7
Diameter Contact (Signal contacts)	2 mm
Litz wire cross-section min. Contact (Signal contacts)	1 mm ²
Litz wire cross-section max. Contact (Signal contacts)	2.5 mm ²
Rated current Contact (Signal contacts)	20 A (for max. connection cross section)
Rated voltage Contact (Signal contacts)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
Flange dimensions	25 mm x 25 mm
Material (Housing)	GD-Zn
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

Environmental and real-life conditions

Ambient conditions

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

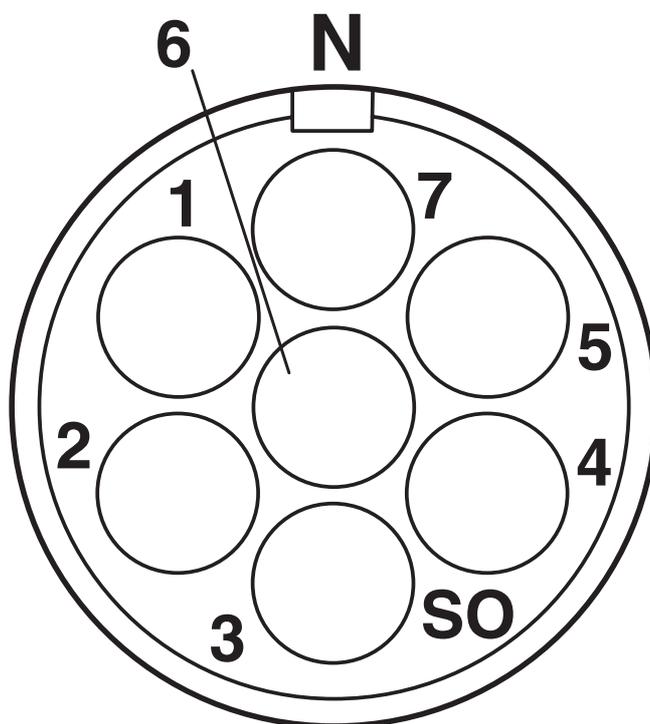
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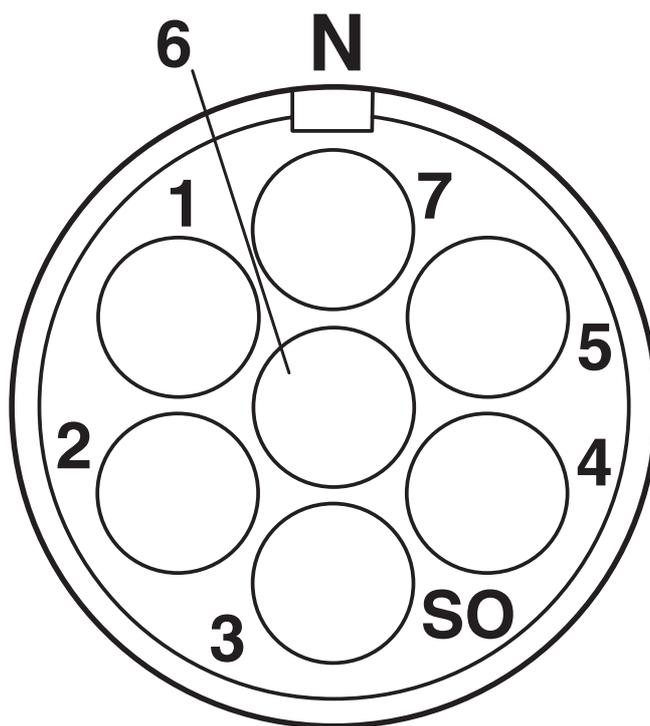
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Connector pin assignment

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Approvals

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

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

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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