

CA-17S1N8AT0DN - Cable connector

1620295

<https://www.phoenixcontact.com/us/products/1620295>



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M23, Cable connector, series: CA, angled, shielded: yes, Screw locking mechanism, No. of pos.: 17, 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.: 1244144



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	1620295
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEC
Catalog page	Page 93 (C-2-2019)
GTIN	4046356817912
Weight per piece (including packing)	188.2 g
Weight per piece (excluding packing)	188.2 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order 17 x 1 mm crimp contacts separately
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Mounting

Thread type	()
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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 1 mm separately
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Coding	N
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Insulation body material	PA 6.6
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Connection method	Crimp connection
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Contact switching type	Socket
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Application	Signal
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Number of positions	17
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Direction of rotation	Standard
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Connection profile	17
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Contact diameter	Signal contacts	1 mm
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Litz wire cross-section	Signal contacts	min.	0.08 mm ²
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Litz wire cross-section	Signal contacts	max.	1 mm ²
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Nominal current per signal contact	8 A
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Note	for max. connection cross section
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Rated voltage Signal contact	48 V AC
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Rated surge voltage	1.5 kV
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Overvoltage category	III
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Degree of pollution	3
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Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
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Type of locking	Screw locking mechanism
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Pg screw connection	none
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Degree of protection (plugged in)	IP67
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Thread type	M23
Seal	
External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

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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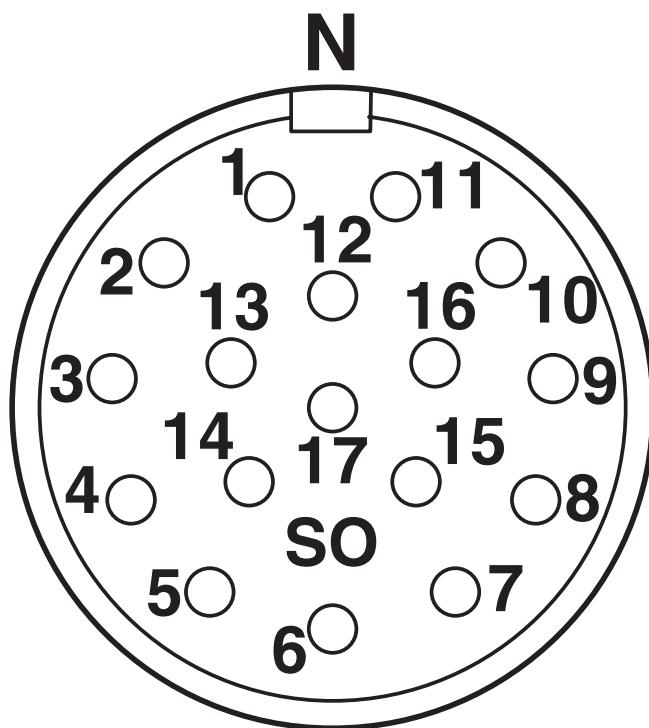
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Drawings

Schematic diagram



Connector pin assignment

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1620295>

cUL Recognized				
Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	3 A	20 - 20	-

UL Recognized				
Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	5 A	20 - 20	-

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	a723efe0-8e67-426a-aed3-efb682bf4bb7

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