

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	1619512
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEB
GTIN	4046356823432
Weight per piece (including packing)	93.9 g
Weight per piece (excluding packing)	87.193 g
Customs tariff number	85366990
Country of origin	DE

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

Technical data

Notes

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

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Connection 1

Head design	Socket
-------------	--------

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number Contact (Signal contacts)	17
Diameter Contact (Signal contacts)	1 mm
Litz wire cross-section min. Contact (Signal contacts)	0.08 mm ²
Litz wire cross-section max. Contact (Signal contacts)	1 mm ²
Rated current Contact (Signal contacts)	8 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	Cable connector housing
Thread type	M23
Design	straight
Type of locking	SPEEDCON
Pg screw connection	none
Housing material	CuZn, GD-Zn
Degree of protection (plugged in)	IP67

Seal

External cable diameter	6 mm ... 10 mm
-------------------------	----------------

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

Seal material	NBR
---------------	-----

Environmental and real-life conditions

Ambient conditions

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

CA-17S1N8A8007S - Cable connector

1619512

<https://www.phoenixcontact.com/us/products/1619512>



Drawings

Schematic diagram



Connector pin assignment

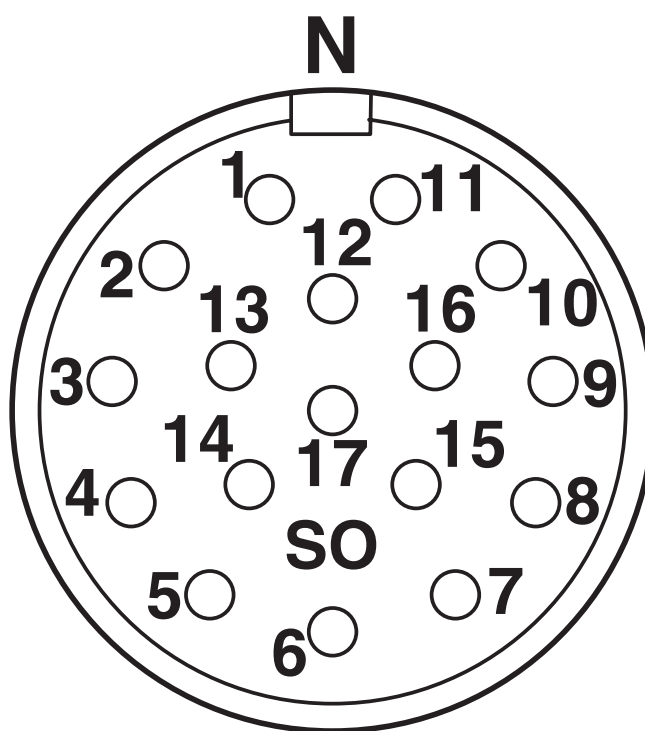
CA-17S1N8A8007S - Cable connector

1619512

<https://www.phoenixcontact.com/us/products/1619512>



Schematic diagram



Connector pin assignment

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619512>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	48 V	3 A	20	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	48 V	5 A	20	-

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

CA-17S1N8A8007S - Cable connector



1619512

<https://www.phoenixcontact.com/us/products/1619512>

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	7ca68bd8-6719-47bc-b6fd-470c349b6fb1

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com