

# CA-12P1N8AT007S - Cable connector



1619383

<https://www.phoenixcontact.com/us/products/1619383>

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.

M23, Cable connector, series: CA, angled, shielded: yes, SPEEDCON, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, 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.: 1243501



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

## Commercial data

Item number	1619383
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAED
Catalog page	Page 90 (C-2-2019)
GTIN	4046356824644
Weight per piece (including packing)	187 g
Weight per piece (excluding packing)	181.084 g
Customs tariff number	85366990
Country of origin	DE

# CA-12P1N8AT007S - Cable connector



1619383

<https://www.phoenixcontact.com/us/products/1619383>

## Technical data

### Notes

Order information:	Order 12 x 1 mm crimp contacts separately
--------------------	---

### Product properties

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

### Connector

#### Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter	1 mm
Litz wire cross-section	Signal contacts min. 0.08 mm <sup>2</sup>
Litz wire cross-section	Signal contacts max. 1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Thread type	M23
Type of locking	SPEEDCON
Pg screw connection	none
Housing material	Metal
Degree of protection (plugged in)	IP67

#### Seal

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

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

# CA-12P1N8AT007S - Cable connector



1619383

<https://www.phoenixcontact.com/us/products/1619383>

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

# CA-12P1N8AT007S - Cable connector

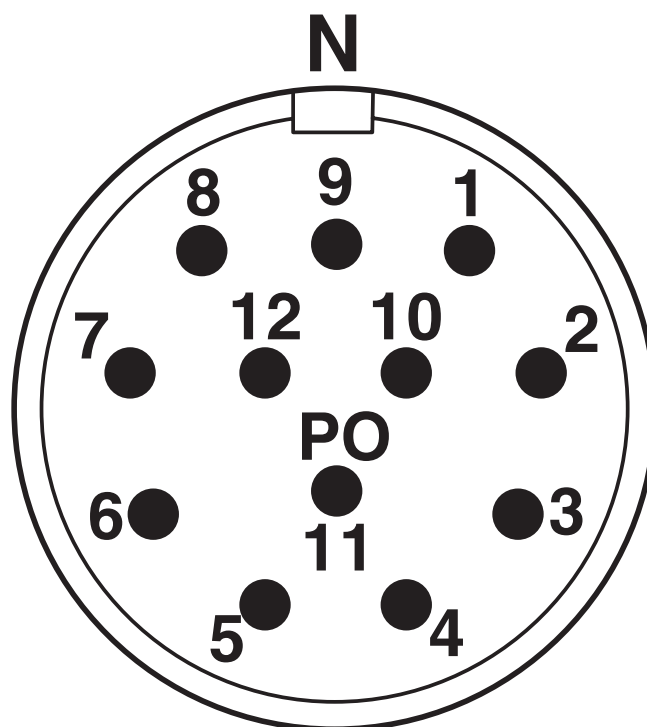
1619383

<https://www.phoenixcontact.com/us/products/1619383>



## Drawings

Schematic diagram



Connector pin assignment

# CA-12P1N8AT007S - Cable connector





1619383

<https://www.phoenixcontact.com/us/products/1619383>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619383>

 <b>cUL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	4 A	20	-

 <b>UL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	48 V	6 A	20	-

<b>cULus Recognized</b>				
-------------------------	--	--	--	--

# CA-12P1N8AT007S - Cable connector



1619383

<https://www.phoenixcontact.com/us/products/1619383>

## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

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

### UNSPSC

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

# CA-12P1N8AT007S - Cable connector



1619383

<https://www.phoenixcontact.com/us/products/1619383>

## 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	0f7169ca-5b14-4918-95dc-4ae9c1fb03

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](mailto:info@phoenixcon.com)