

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

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.



The figure shows the 6-pos.  
product version

M23, Cable connector, application: Signal, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 6 mm ... 10 mm, coding: N

## 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
- Solder connection: proven connection technology for various litz wires

## Commercial data

Item number	1619529
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEB
GTIN	4046356823265
Weight per piece (including packing)	96.6 g
Weight per piece (excluding packing)	93.063 g
Customs tariff number	85366990
Country of origin	DE

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

## Technical data

### Product properties

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

### Connector

#### Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Number (Contact group 2)	7
Contact diameter (Contact group 2)	2 mm
Litz wires Max. cross section (Contact group 2)	2.5 mm <sup>2</sup>
Rated current Contact (Contact group 2)	20 A

#### 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
Seal material	NBR

### Environmental and real-life conditions

#### Ambient conditions

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

Ambient temperature (operation)

-40 °C ... 125 °C

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

## Drawings

Schematic diagram



Connector pin assignment

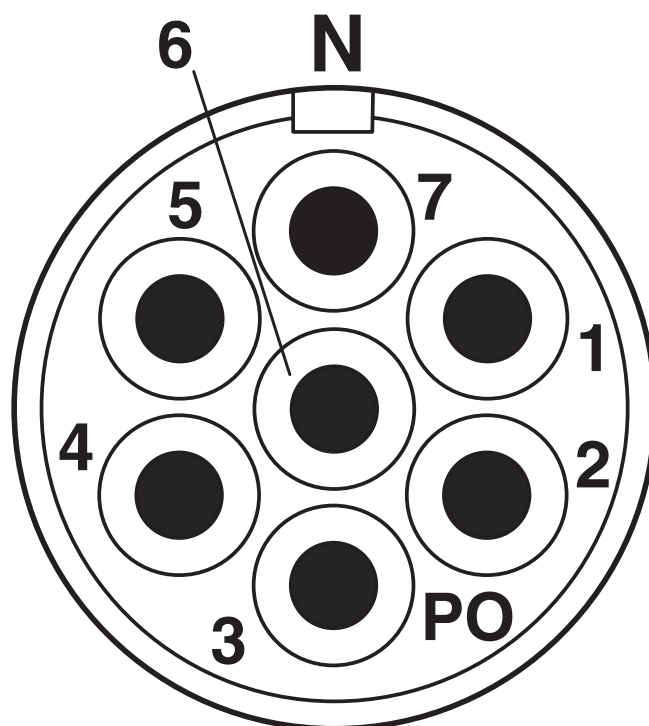
# CA-07P1N128007S - Cable connector

1619529

<https://www.phoenixcontact.com/us/products/1619529>



Schematic diagram



Connector pin assignment

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

## Classifications

### ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

### ETIM

ETIM 10.0	EC002635
-----------	----------

### UNSPSC

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

# CA-07P1N128007S - Cable connector



1619529

<https://www.phoenixcontact.com/us/products/1619529>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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)