

# CA-17S2N1280DN - Cable connector



1621370

<https://www.phoenixcontact.com/us/products/1621370>

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 12-pos. product version with standard contact chamber numbering

M23, Cable connector, application: Signal, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Counter direction, contact connection type: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N

## Commercial data

Item number	1621370
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEA
GTIN	4046356916189
Weight per piece (including packing)	90.22 g
Weight per piece (excluding packing)	90.22 g
Country of origin	DE

# CA-17S2N1280DN - Cable connector



1621370

<https://www.phoenixcontact.com/us/products/1621370>

## 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	Socket
Application	Signal
Number of positions	17
Direction of rotation	Counter direction
Connection profile	17
Number (Contact group 1)	17
Contact diameter (Contact group 1)	1 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm <sup>2</sup>
Litz wires Max. cross section (Contact group 1)	1 mm <sup>2</sup>
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
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

#### Housing

Type	Cable connector housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Material for screw connection	CuZn
Degree of protection (plugged in)	IP67

#### Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

# CA-17S2N1280DN - Cable connector

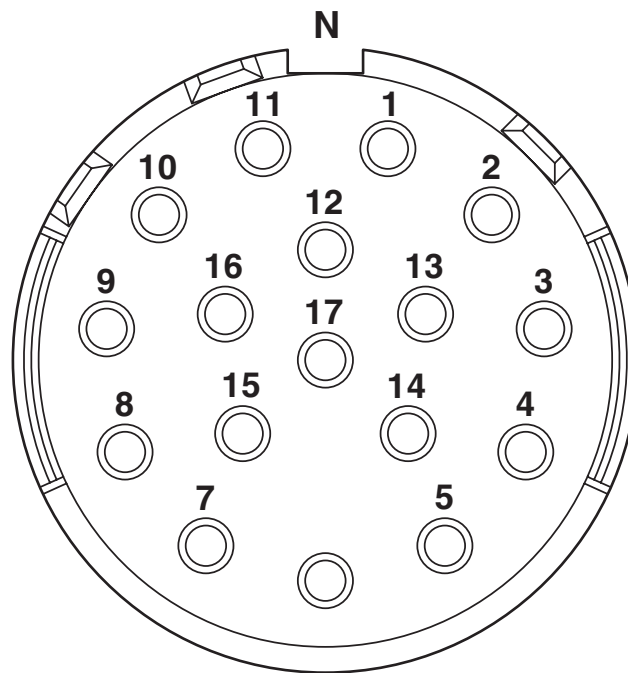
1621370

<https://www.phoenixcontact.com/us/products/1621370>



## Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), socket counter direction

# CA-17S2N1280DN - Cable connector



1621370

<https://www.phoenixcontact.com/us/products/1621370>

## Environmental product compliance

### 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.)	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)