

CA-06S1N128007X - Cable connector



1243776

<https://www.phoenixcontact.com/us/products/1243776>

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, application: Signal, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder connection, cable diameter range: 6 mm ... 10 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1243776
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEA
GTIN	4063151404048
Weight per piece (including packing)	90.8 g
Weight per piece (excluding packing)	87.56 g
Country of origin	DE

CA-06S1N128007X - Cable connector



1243776

<https://www.phoenixcontact.com/us/products/1243776>

Technical data

Product properties

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

Connector

Connection 1

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

Insulating body

Coding	N
Material (Insulating body)	PA 6.6
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	6
Direction of rotation	Standard
Connection profile	6
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)	6
Contact diameter (Contact group 2)	2 mm
Litz wires Max. cross section (Contact group 2)	2.5 mm ²
Rated current Contact (Contact group 2)	20 A

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	6 mm ... 10 mm
-------------------------	----------------

CA-06S1N128007X - Cable connector



1243776

<https://www.phoenixcontact.com/us/products/1243776>

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

Environmental and real-life conditions

Ambient conditions

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

CA-06S1N128007X - Cable connector

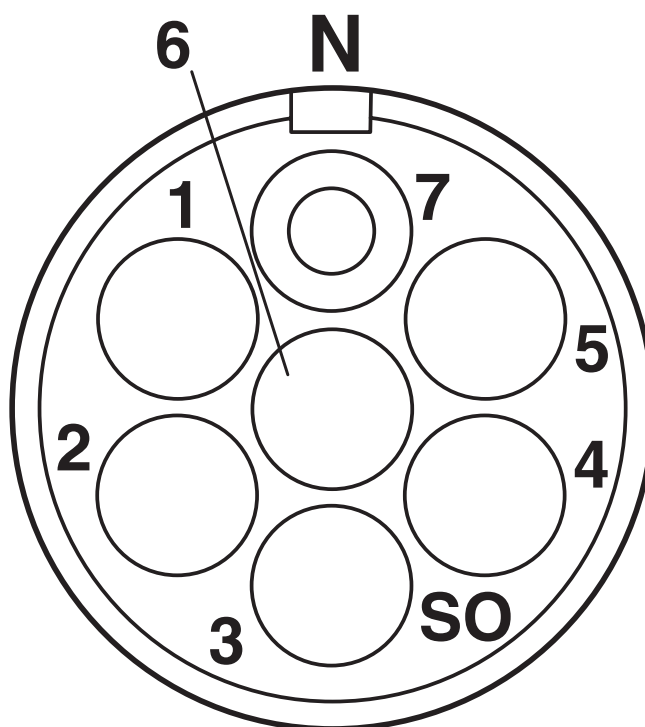
1243776

<https://www.phoenixcontact.com/us/products/1243776>



Drawings

Schematic diagram



Connector pin assignment

CA-06S1N128007X - Cable connector



1243776

<https://www.phoenixcontact.com/us/products/1243776>

Classifications

ECLASS

ECLASS-13.0	27440116
-------------	----------

ETIM

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

UNSPSC

UNSPSC 21.0	39121100
-------------	----------

CA-06S1N128007X - Cable connector



1243776

<https://www.phoenixcontact.com/us/products/1243776>

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