

CA-07S1N1280DNS - Cable connector



1619601

<https://www.phoenixcontact.com/gb/products/1619601>

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, straight, shielded: yes, SPEEDCON, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243692

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	1619601
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABRAEB
Product key	ABRAEB
Catalog page	Page 84 (C-2-2019)
GTIN	4046356822732
Weight per piece (including packing)	93.7 g
Weight per piece (excluding packing)	93.7 g
Customs tariff number	85366990
Country of origin	DE

CA-07S1N1280DNS - Cable connector



1619601

<https://www.phoenixcontact.com/gb/products/1619601>

Technical data

Product properties

Product type	Circular connector (cable-side)
Data management status	
Article revision	08

Connector

Connection 1

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

Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter	2 mm
Litz wire cross-section	2.5 mm ²
Nominal current per signal contact	20 A

Signal contacts

Signal contacts max.

Housing

Housing material	CuZn, GD-Zn
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

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

CA-07S1N1280DNS - Cable connector



1619601

<https://www.phoenixcontact.com/gb/products/1619601>

Environmental and real-life conditions

Ambient conditions

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

CA-07S1N1280DNS - Cable connector

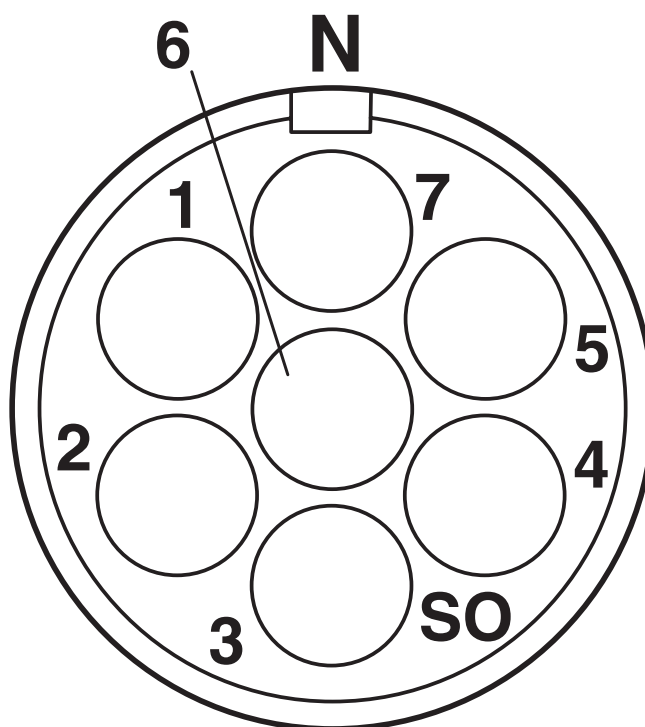
1619601

<https://www.phoenixcontact.com/gb/products/1619601>



Drawings

Schematic diagram



Connector pin assignment

CA-07S1N1280DNS - Cable connector



1619601
<https://www.phoenixcontact.com/gb/products/1619601>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1619601>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	48 V	10 A	14 - 14	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	48 V	20 A	14 - 14	-

cULus Recognized				
-------------------------	--	--	--	--

CA-07S1N1280DNS - Cable connector



1619601

<https://www.phoenixcontact.com/gb/products/1619601>

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-07S1N1280DNS - Cable connector



1619601

<https://www.phoenixcontact.com/gb/products/1619601>

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	7756d929-eff2-4269-bb80-d9ae3d5ed6a8

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk