

CA-07S1N12T008 - Cable connector



1620208
<https://www.phoenixcontact.com/gb/products/1620208>

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, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Solder connection, cable diameter range: 10 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244083

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
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1620208
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEC
Product key	ABRAEC
Catalog page	Page 92 (C-2-2019)
GTIN	4046356818513
Weight per piece (including packing)	141.959 g
Weight per piece (excluding packing)	141.959 g
Customs tariff number	85366990
Country of origin	DE

CA-07S1N12T008 - Cable connector



1620208

<https://www.phoenixcontact.com/gb/products/1620208>

Technical data

Product properties

Product type	Circular connector (cable-side)
Data management status	
Article revision	05

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	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	10 mm ... 14.5 mm
Seal material	NBR

CA-07S1N12T008 - Cable connector



1620208

<https://www.phoenixcontact.com/gb/products/1620208>

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

CA-07S1N12T008 - Cable connector

1620208

<https://www.phoenixcontact.com/gb/products/1620208>



Drawings

Schematic diagram



Connector pin assignment

CA-07S1N12T008 - Cable connector



1620208

<https://www.phoenixcontact.com/gb/products/1620208>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1620208>

 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-07S1N12T008 - Cable connector



1620208

<https://www.phoenixcontact.com/gb/products/1620208>

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-07S1N12T008 - Cable connector



1620208

<https://www.phoenixcontact.com/gb/products/1620208>

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	0622d058-85b0-4019-9ddc-33d933ad2cc8

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