

CA-07P1N12T006S - Cable connector



1619419

<https://www.phoenixcontact.com/gb/products/1619419>

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, SPEEDCON, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 4 mm ... 6 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243537



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
- Reduced connection time with SPEEDCON fast locking system
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1619419
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAED
Product key	ABRAED
Catalog page	Page 90 (C-2-2019)
GTIN	4046356824286
Weight per piece (including packing)	148.206 g
Weight per piece (excluding packing)	148.206 g
Customs tariff number	85366990
Country of origin	DE

CA-07P1N12T006S - Cable connector



1619419
<https://www.phoenixcontact.com/gb/products/1619419>

Technical data

Product properties

Product type	Circular connector (cable-side)
Data management status	
Article revision	07

Connector

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	Pin
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 mm²
Nominal current per signal contact	20 A

Housing	
Housing material	Metal
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal	
External cable diameter	4 mm ... 6 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

CA-07P1N12T006S - Cable connector



1619419

<https://www.phoenixcontact.com/gb/products/1619419>

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

CA-07P1N12T006S - Cable connector

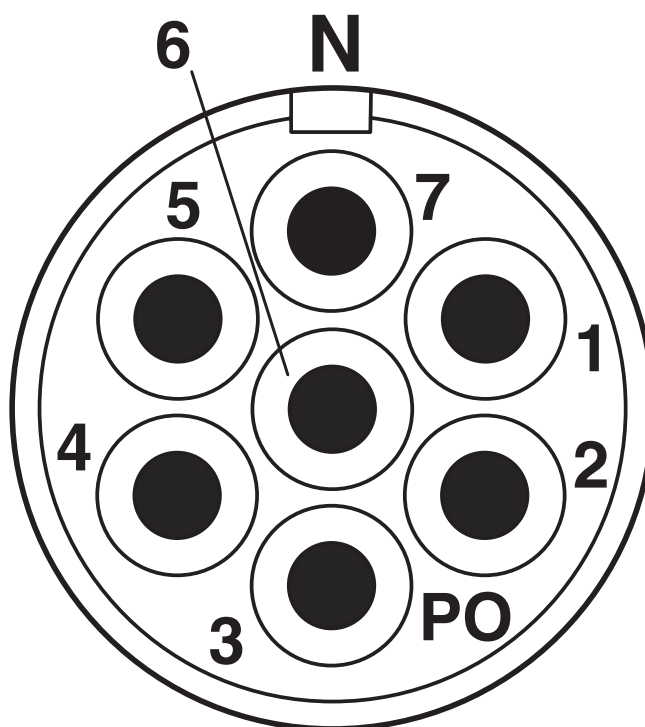
1619419

<https://www.phoenixcontact.com/gb/products/1619419>



Drawings

Schematic diagram



Connector pin assignment

CA-07P1N12T006S - Cable connector



1619419

<https://www.phoenixcontact.com/gb/products/1619419>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1619419>

 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-07P1N12T006S - Cable connector



1619419

<https://www.phoenixcontact.com/gb/products/1619419>

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-07P1N12T006S - Cable connector



1619419
<https://www.phoenixcontact.com/gb/products/1619419>

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	ab5d4463-cbd0-482a-80a9-1d31b066fb3e

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