

CA-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

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.: 16+3, 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.: 1244114

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	1620263
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEC
Product key	ABRAEC
Catalog page	Page 93 (C-2-2019)
GTIN	4046356818209
Weight per piece (including packing)	194.147 g
Weight per piece (excluding packing)	194.147 g
Customs tariff number	85366990
Country of origin	DE

CA-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

Technical data

Product properties

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

Connector

Insulating body	
Coding	N
Insulation body material	PA 6.6
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	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter	Power contacts 1.5 mm
Litz wire cross-section	Power contacts max. 1 mm²
Rated current	Power contacts 10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter	Signal contacts 1 mm
Litz wire cross-section	Signal contacts max. 1 mm²
Nominal current per signal contact	8 A
Installation height	2000 m

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

CA-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

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

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-19P1N12T006 - Cable connector

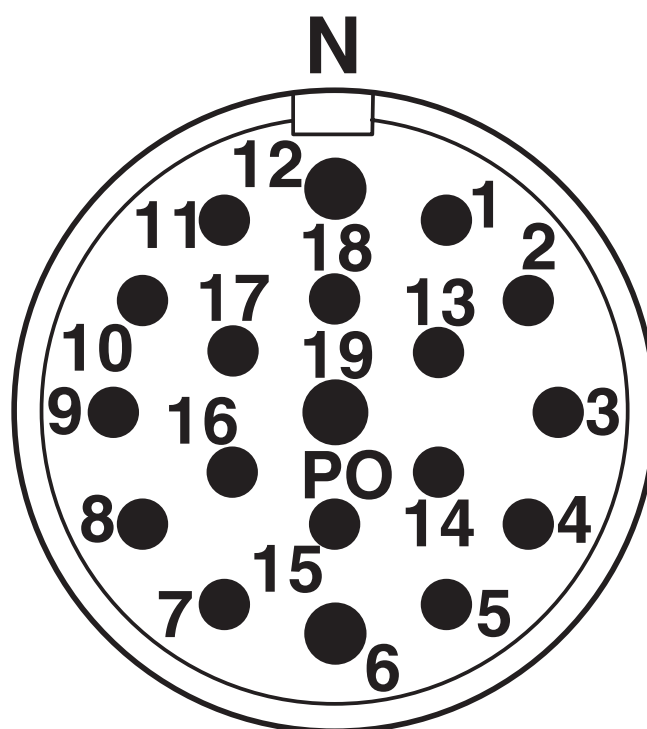
1620263

<https://www.phoenixcontact.com/gb/products/1620263>



Drawings

Schematic diagram



Connector pin assignment

CA-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1620263>

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	48 V	6 A	18 - 18	-
Signal	48 V	5 A	18 - 18	-

UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	48 V	10 A	18 - 18	-
Signal	48 V	8 A	18 - 18	-

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

CA-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

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-19P1N12T006 - Cable connector



1620263

<https://www.phoenixcontact.com/gb/products/1620263>

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	4358bef7-259c-4590-a7bc-3e1f57f9fdab

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