

# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



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, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Pin, Solder connection, Axial seal, Central fastening Pg13,5, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243869

## 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	1619878
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
Catalog page	Page 95 (C-2-2019)
GTIN	4046356820882
Weight per piece (including packing)	33 g
Weight per piece (excluding packing)	29.2 g
Customs tariff number	85366990
Country of origin	DE

# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



## Technical data

### Product properties

Product type	Circular connectors (device side)
Data management status	
Article revision	06

### 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 <b>Power contacts</b>	1.5 mm
Litz wire cross-section <b>Power contacts</b> max.	1 mm <sup>2</sup>
Rated current <b>Power contacts</b>	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Oversupply category	III
Degree of pollution	3
Contact diameter <b>Signal contacts</b>	1 mm
Litz wire cross-section <b>Signal contacts</b> max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Installation height	2000 m

#### Housing

Order information:	If necessary, order locking nut separately
Housing material	CuZn
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



## Environmental and real-life conditions

### Ambient conditions

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

CA-19P1N126Z00 - Device connector front mounting

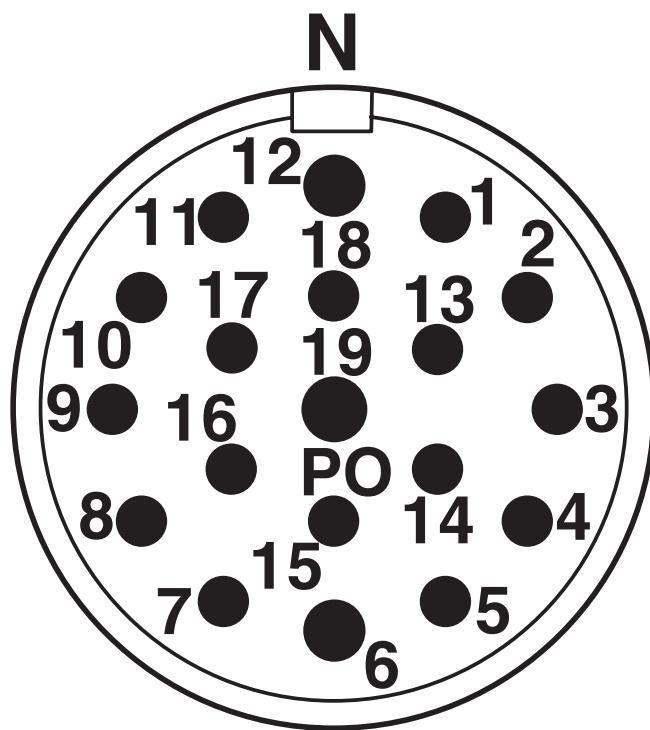
1619878

<https://www.phoenixcontact.com/us/products/1619878>

**PHÖNIX CONTACT**

## Drawings

## Schematic diagram



## Connector pin assignment

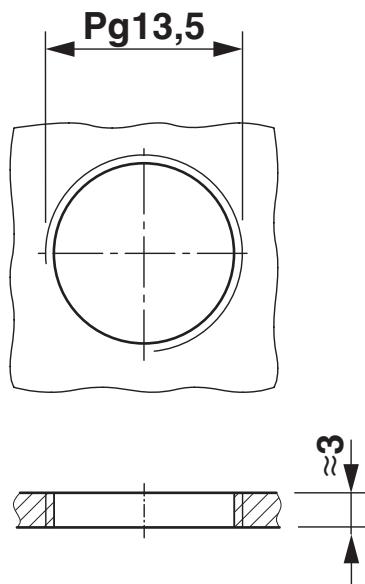
# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



Dimensional drawing



Installation dimensions

# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619878>

<b>cUL Recognized</b> 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	-

<b>UL Recognized</b> 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	-

<b>cULus Recognized</b>
-------------------------

# CA-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



## 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-19P1N126Z00 - Device connector front mounting

1619878

<https://www.phoenixcontact.com/us/products/1619878>



## 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	1fbccf78-29e6-480b-972b-d24afbf4ae38

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)