

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

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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



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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	Power contacts 1.5 mm
Litz wire cross-section	Power contacts max. 1 mm ²
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 mm ²
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

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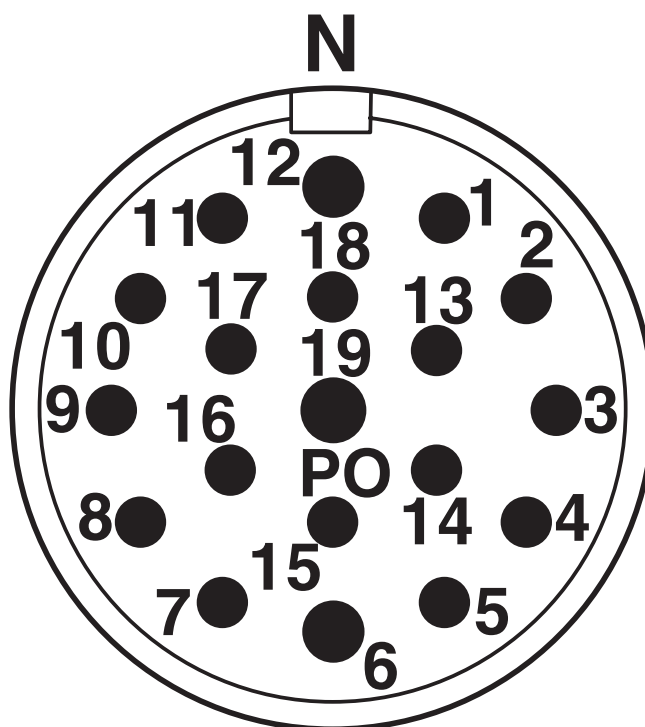
Environmental and real-life conditions

Ambient conditions

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

Schematic diagram



Connector pin assignment

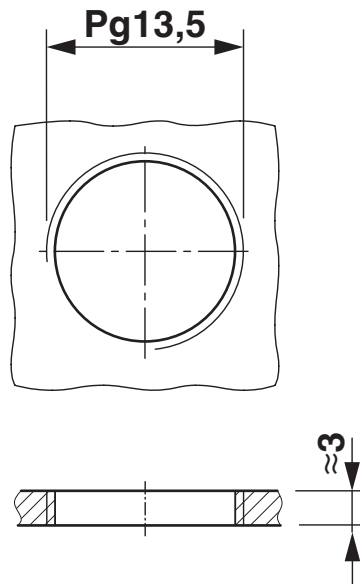
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Dimensional drawing




Installation dimensions

Approvals

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

<div> cUL Recognized Approval ID: E335019-20141210</div>				
	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	-

<div> UL Recognized Approval ID: E335019-20141210</div>				
	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				
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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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-d24afb4ae38