

CA-16P1NC22S00 - Device connector front mounting

1619907

<https://www.phoenixcontact.com/us/products/1619907>



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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243885

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

Item number	1619907
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820608
Weight per piece (including packing)	31.3 g
Weight per piece (excluding packing)	31.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Dimensional drawing	
Length of the solder pin	17.5 mm 17.5 mm

Connector

Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated surge voltage	1.5 kV
Overtoltage category	III
Degree of pollution	3

Housing

Housing material	GD-Zn
Flange dimensions	25 mm x 25 mm
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Environmental and real-life conditions

Ambient conditions

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1619907

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Ambient temperature (operation)

-40 °C ... 125 °C

CA-16P1NC22S00 - Device connector front mounting

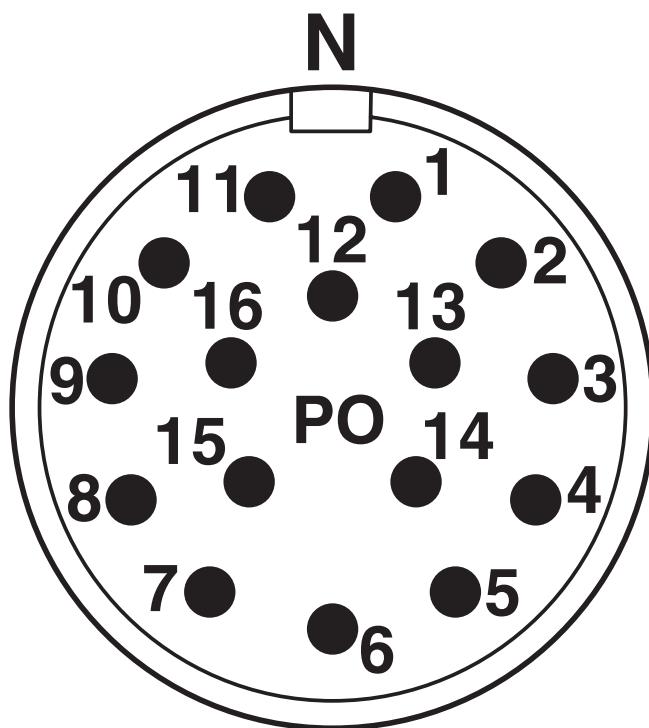
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Drawings

Schematic diagram



Connector pin assignment

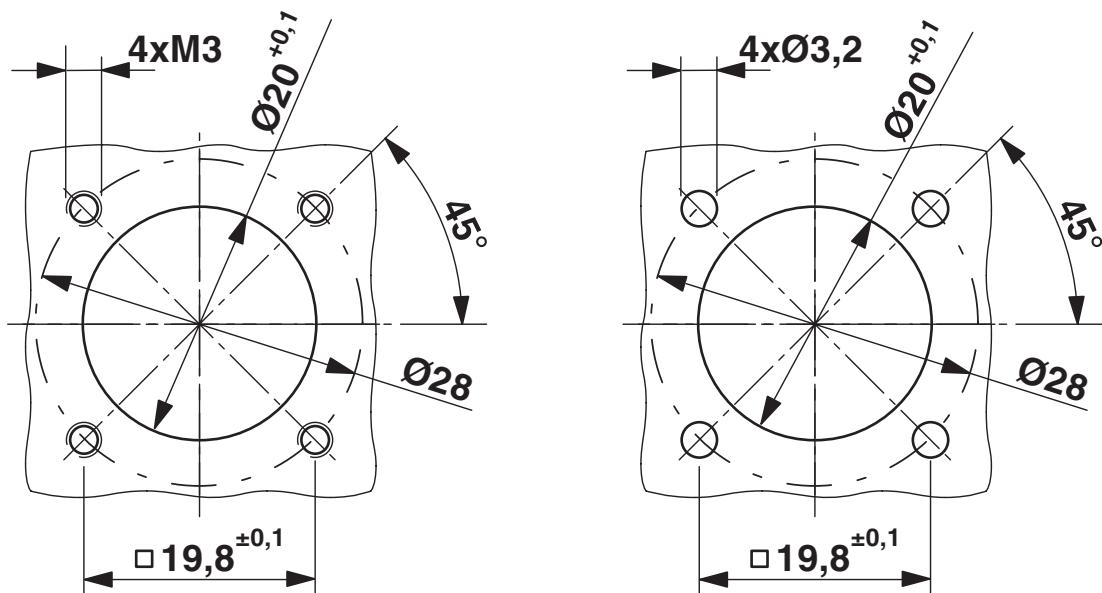
CA-16P1NC22S00 - Device connector front mounting

1619907

<https://www.phoenixcontact.com/us/products/1619907>

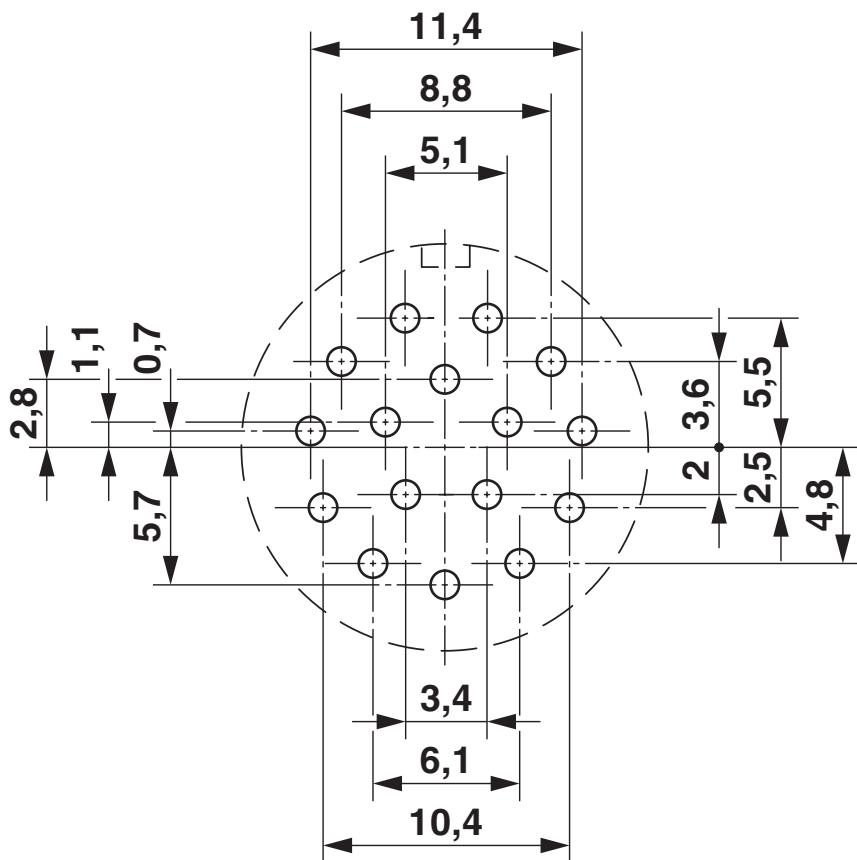


Dimensional drawing



Installation dimensions

Drilling plan/solder pad geometry



16-pos.

Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619907>

cUL Recognized			
Approval ID: E335019-20141210			
Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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
48 V	8 A	18 - 18	-

cULus Recognized

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	8c85164c-9168-4297-93a5-095e982b0f59

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Phoenix Contact USA

586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com