

# CA-16S1NC22S00 - Device connector front mounting



1619908

<https://www.phoenixcontact.com/us/products/1619908>

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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: Socket, 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.: 1243886

## 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	1619908
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820592
Weight per piece (including packing)	34.6 g
Weight per piece (excluding packing)	34.6 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

## Product properties

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

## 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	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Rated current	8 A
Rated surge voltage	1.5 kV
Overvoltage 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

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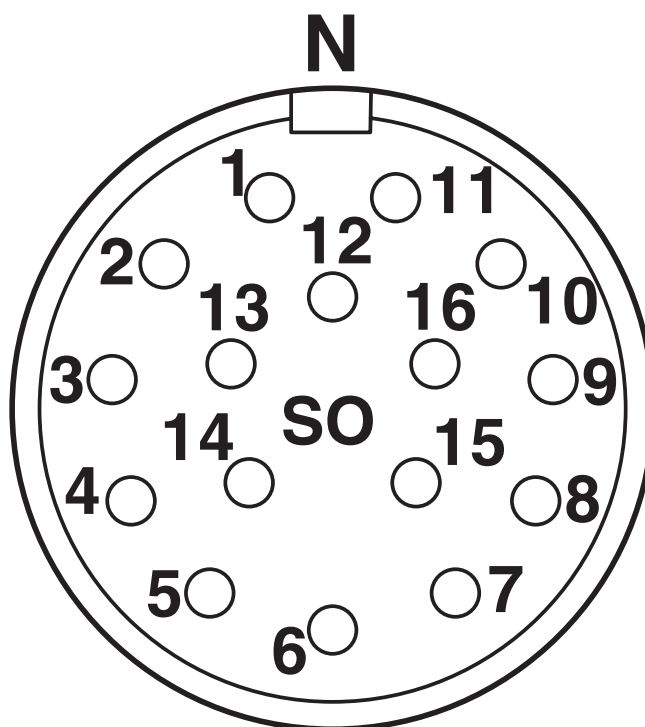
## Environmental and real-life conditions

### Ambient conditions

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

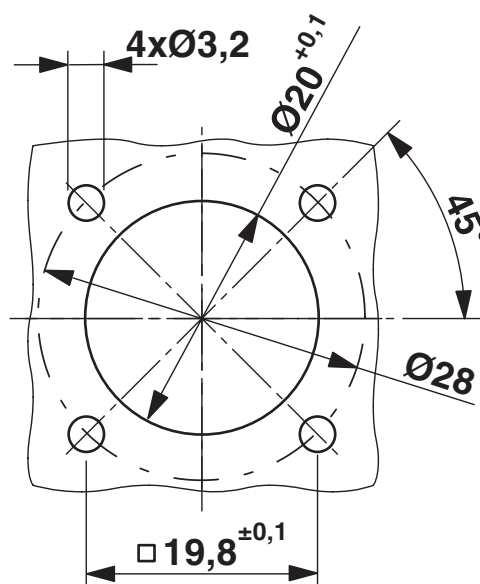
Schematic diagram



Connector pin assignment

[illegible]

Technical drawing of a square plate with a central hole and four corner holes. The plate has a square outer shape with rounded corners, indicated by dashed lines. The central hole has a diameter of  $\varnothing 20^{+0,1}$ . The four corner holes have a diameter of  $\varnothing 28$ . The distance between the centers of the corner holes is  $19,8^{\pm 0,1}$ . The plate is made of 4xM3 material. The drawing includes a 45° angle dimension and a 4xM3 label.



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619908>

 <b>cUL Recognized</b> Approval ID: E335019-20141210				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	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 $\text{mm}^2$
	48 V	8 A	18 - 18	-

<b>cULus Recognized</b>				
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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	e8c4da85-3117-4322-b3b4-b63d4d14c8dc

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