

1619955

<https://www.phoenixcontact.com/us/products/1619955>

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.: 6, 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.: 1243918

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	1619955
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
Catalog page	Page 330 (C-2-2013)
GTIN	4046356820271
Weight per piece (including packing)	25.3 g
Weight per piece (excluding packing)	25.3 g
Customs tariff number	85366990
Country of origin	DE

CA-06S1N222S00 - Device connector front mounting



1619955

<https://www.phoenixcontact.com/us/products/1619955>

Technical data

Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

Dimensions

Length of the solder pin	3.5 mm
	3.5 mm

Connector

Connection 1

Head design	Socket
-------------	--------

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	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Power contacts	
Rated current	20 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

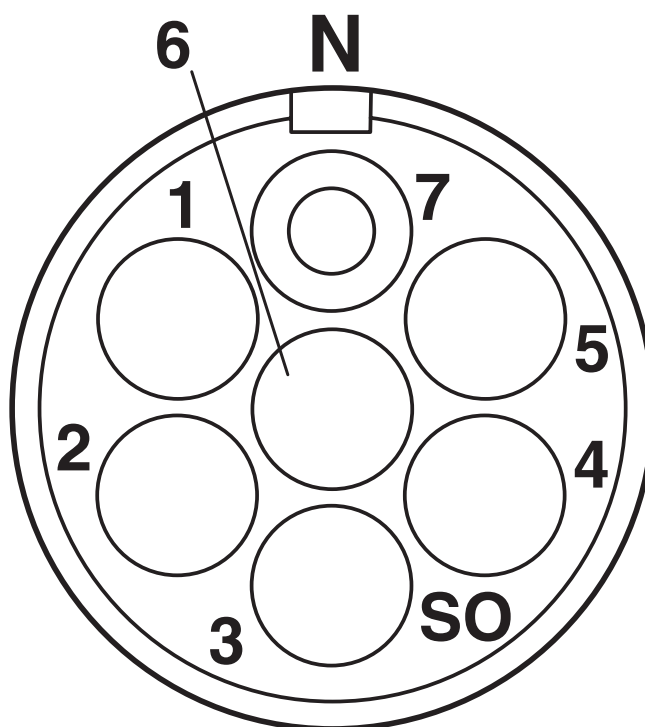
Environmental and real-life conditions

Ambient conditions

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

Drawings

Schematic diagram



Connector pin assignment

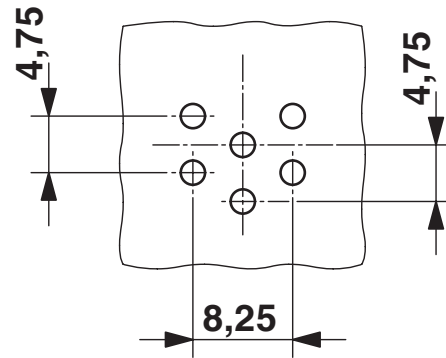
CA-06S1N222S00 - Device connector front mounting

1619955

<https://www.phoenixcontact.com/us/products/1619955>



Drilling plan/solder pad geometry



6-pos.

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619955>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	10 A	- 14	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	20 A	- 14	-

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

CA-06S1N222S00 - Device connector front mounting



1619955

<https://www.phoenixcontact.com/us/products/1619955>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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