

1619963
<https://www.phoenixcontact.com/gb/products/1619963>

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, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N

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
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619963
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEL
Product key	ABRAEL
GTIN	4046356820196
Weight per piece (including packing)	26.6 g
Weight per piece (excluding packing)	22.8 g
Customs tariff number	85366990
Country of origin	DE

CA-16S1N8A2S00 - Device connector front mounting



1619963

<https://www.phoenixcontact.com/gb/products/1619963>

Technical data

Notes

Order information:	Order 6 x Ø 1 mm crimp contacts separately
--------------------	--

Product properties

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

Data management status

Article revision	07
------------------	----

Connector

Insulating body

Note	Order information: Order 6 x Ø 1 mm crimp contacts separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Signal contacts	
Litz wire cross-section Signal contacts min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
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
---------------------------------	-------------------

CA-16S1N8A2S00 - Device connector front mounting



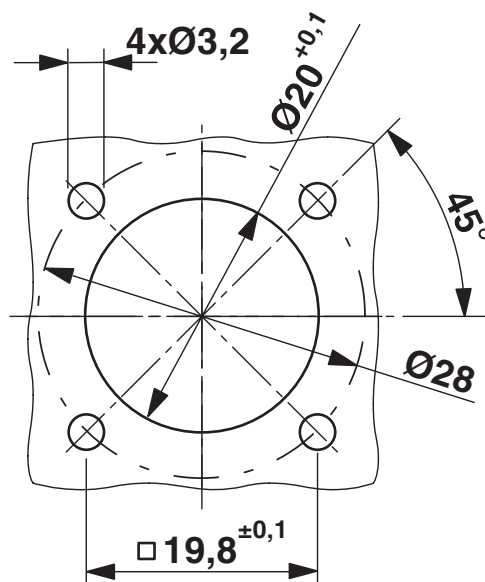
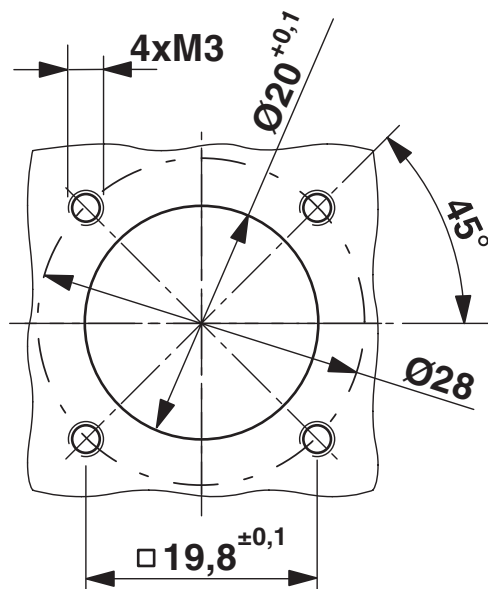
1619963

<https://www.phoenixcontact.com/gb/products/1619963>

Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

Drawings

Dimensional drawing



Installation dimensions

CA-16S1N8A2S00 - Device connector front mounting



1619963

<https://www.phoenixcontact.com/gb/products/1619963>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1619963>

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	3 A	20 - 20	-

UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	5 A	20 - 20	-

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

CA-16S1N8A2S00 - Device connector front mounting



1619963

<https://www.phoenixcontact.com/gb/products/1619963>

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-16S1N8A2S00 - Device connector front mounting



1619963
<https://www.phoenixcontact.com/gb/products/1619963>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk