CA-16S1N8A2S00 - Device connector front mounting

1619963

https://www.phoenixcontact.com/us/products/1619963

PHŒNIX CONTACT

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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, 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	AB31
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

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 Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm²
Litz wire cross-section Signal contacts max.	1 mm²
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

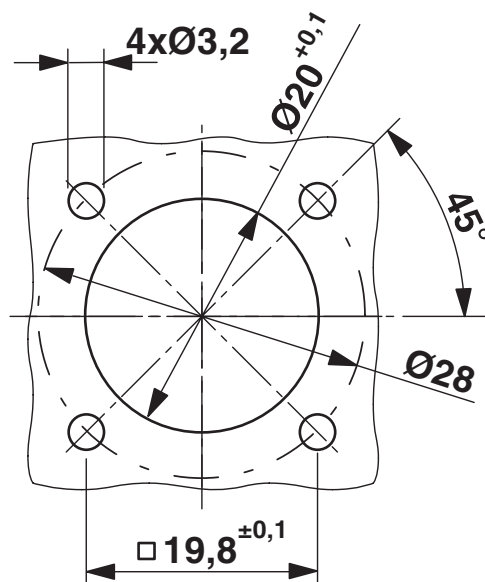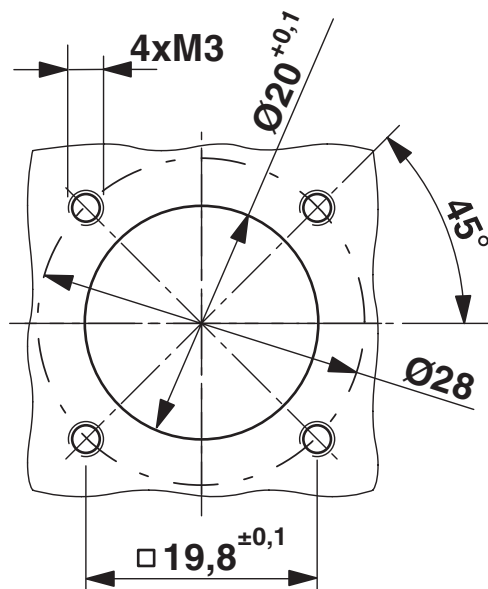|	
Ambient temperature (operation)	-40 °C ... 125 °C

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

Drawings

Dimensional drawing

4xM3
Ø20 $^{+0,1}$
45°
Ø28
□ 19,8 $^{\pm0,1}$

4xØ3,2
Ø20 $^{+0,1}$
45°
Ø28
□ 19,8 $^{\pm0,1}$

Installation dimensions

Approvals

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

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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

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%

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