CA-19S1N122S00 - Device connector front mounting

1619957

https://www.phoenixcontact.com/in/products/1619957

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M23, Device connector front mounting, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, type of contact: Socket, Solder 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.: 1243920

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
- Solder connection: proven connection technology for various litz wires

Commercial Data

Item number	1619957
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFJ
Catalog Page	Page 101 (C-2-2019)
GTIN	4046356820257
Weight per Piece (including packing)	29.4 g
Weight per Piece (excluding packing)	25 g
Customs tariff number	85366990
Country of origin	DE

Technical Data

Product properties

Product type	Circular connectors (device side)

Connector

Connection 1

Head design	Socket

Insulating body

Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A

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

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Drawings

Schematic diagram

CA-19S1N122S00 - Device connector front mounting
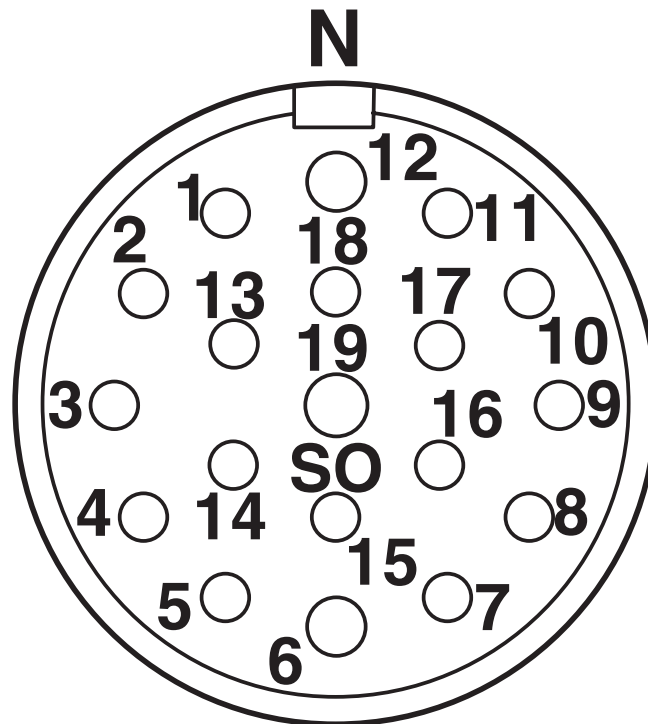
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Approvals

cUL Recognized
Approval ID: E335019-20141210

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	48 V	6 A	- 18	-
	48 V	5 A	- 18	-

UL Recognized
Approval ID: E335019-20141210

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	48 V	10 A	- 18	-
	48 V	8 A	- 18	-

Classifications

ECLASS

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

ETIM

ETIM 8.0	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"

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Accessories

SF-Z0019 - Protective cap

1607449

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Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

RC-Z2059 - Protective cap

1604225

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Plastic protection cap for connectors with M23 external thread

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RC-Z2469 - Protective cap

1611797

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Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

RC-Z2104 - Metal protective cap

1604260

https://www.phoenixcontact.com/in/products/1604260

Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241739

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RC-Z2068 - Metal protective cap

Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241735

CA-Z0120 - Color-coding

Color-coding, color: green

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CA-Z0121 - Color-coding

1620705

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Color-coding, color: orange

CA-Z0122 - Color-coding

1620706

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Color-coding, color: black

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CA-Z0001 - Contact removal tool

1620699

https://www.phoenixcontact.com/in/products/1620699

Unlocking tool for contact carriers for snapping in the M23 signal device connectors

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