

Device connector front mounting - CA-06S1N122S00



1619993

<https://www.phoenixcontact.com/sk/products/1619993>

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M23, Device connector front mounting, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 6, 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.: 1243932

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	1619993
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	ABR
Product Key	ABRBFJ
Catalog Page	Page 100 (C-2-2019)
GTIN	4046356820011
Weight per Piece (including packing)	29 g
Weight per Piece (excluding packing)	24.76 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Product properties

Product type	Circular connectors (device side)
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Connector

Connection 1

Head design	Socket
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Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter	2 mm
Litz wire cross-section	2.5 mm ²
Nominal current per signal contact	20 A

Signal contacts

Signal contacts max.

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

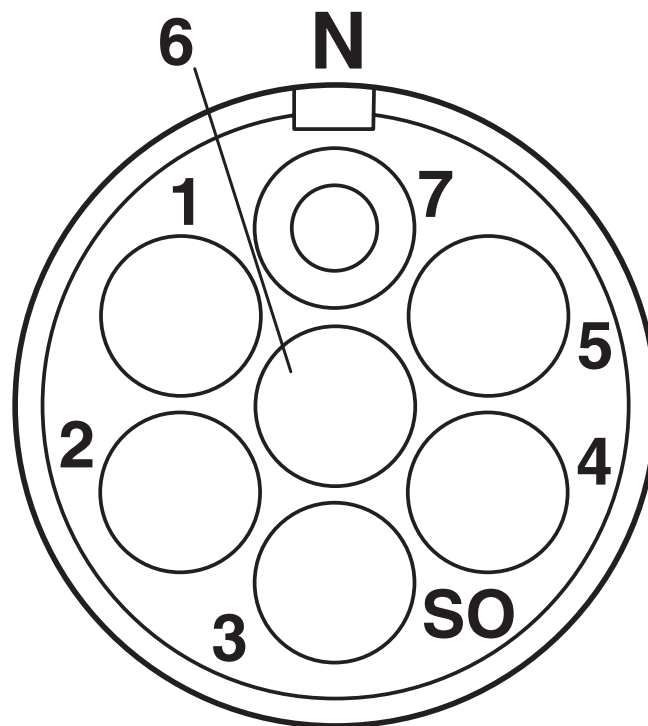
Environmental and real-life conditions

Ambient conditions

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

Schematic diagram



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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	10 A	- 14	-

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cULus Recognized				
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Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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

Protective cap

Protective cap - SF-Z0019 - 1607449

<https://www.phoenixcontact.com/sk/products/1607449>



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

Protective cap

Protective cap - RC-Z2059 - 1604225

<https://www.phoenixcontact.com/sk/products/1604225>



Plastic protection cap for connectors with M23 external thread

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<https://www.phoenixcontact.com/sk/products/1619993>

Protective cap

Protective cap - RC-Z2469 - 1611797

<https://www.phoenixcontact.com/sk/products/1611797>



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

Metal protective cap

Metal protective cap - RC-Z2104 - 1604260

<https://www.phoenixcontact.com/sk/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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Metal protective cap

Metal protective cap - RC-Z2068 - 1604236

<https://www.phoenixcontact.com/sk/products/1604236>

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



Color-coding

Color-coding - CA-Z0120 - 1620704

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Color-coding, color: green



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Color-coding

Color-coding - CA-Z0121 - 1620705

<https://www.phoenixcontact.com/sk/products/1620705>

Color-coding, color: orange



Color-coding

Color-coding - CA-Z0122 - 1620706

<https://www.phoenixcontact.com/sk/products/1620706>

Color-coding, color: black



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Contact removal tool

Contact removal tool - CA-Z0001 - 1620699

<https://www.phoenixcontact.com/sk/products/1620699>



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

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