CA-12S1N122S00 - Device connector front mounting



1619969

https://www.phoenixcontact.com/in/products/1619969

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M23, Device connector front mounting, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, 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.: 1243926

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	1619969
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFJ
Catalog Page	Page 100 (C-2-2019)
GTIN	4046356820134
Weight per Piece (including packing)	29.05 g
Weight per Piece (excluding packing)	29.05 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Product properties

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

Connector

Connection 1

Coding	Head design	Socket
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 12 Direction of rotation Standard Connection profile 12 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	Insulating body	
Contact material Contact surface material Insertion/withdrawal cycles 100 Connection method Solder connection Contact type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 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.	Coding	N
Contact surface material Insertion/withdrawal cycles 100 Connection method Solder connection Contact type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 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 mm² Litz wire cross-section Signal contacts max.	Insulation body material	PBT
Insertion/withdrawal cycles Connection method Solder connection Contact type Socket Application Number of positions 12 Direction of rotation Connection profile Rated voltage 48 V AC 74 V DC Rated surge voltage Overvoltage category Ill Degree of pollution Contact diameter Signal contacts Litz wire cross-section Signal contacts max.	Contact material	CuZn
Connection method Contact type Socket Application Signal Number of positions 12 Direction of rotation Connection profile Rated voltage 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts max.	Contact surface material	Ni/Au
Contact type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 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	Insertion/withdrawal cycles	100
Application Number of positions 12 Direction of rotation Connection profile Rated voltage 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts max.	Connection method	Solder connection
Number of positions 12 Direction of rotation Standard Connection profile 12 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	Contact type	Socket
Direction of rotation Connection profile 12 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.	Application	Signal
Connection profile 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.	Number of positions	12
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.	Direction of rotation	Standard
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	Connection profile	12
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.	Rated voltage	48 V AC
Overvoltage category Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts max.		74 V DC
Degree of pollution 3 Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts max. 1 mm²	Rated surge voltage	1.5 kV
Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts max. 1 mm²	Overvoltage category	III
Litz wire cross-section Signal contacts max. 1 mm²	Degree of pollution	3
Litz wire cross-section Signal Contacts max.	Contact diameter Signal contacts	1 mm
Nominal current per signal contact 8 A	Litz wire cross-section Signal contacts max.	1 mm²
	Nominal current per signal contact	8 A

Housing

3	
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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