

CA-19S1NP2HZ00 - Device connector rear mounting



1628090

<https://www.phoenixcontact.com/gb/products/1628090>

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M23, Device connector rear mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Axial seal, Central fixing, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1245542

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
- Application-specific panel mounting optionally with thread or anti-rotation protection and lock nut

Commercial data

Item number	1628090
Packing unit	12 pc
Minimum order quantity	48 pc
Sales key	ABRAER
Product key	ABRAER
GTIN	4055626381909
Weight per piece (including packing)	53.158 g
Weight per piece (excluding packing)	46.437 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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Dimensions

Length of the solder pin	3.55 mm
	3.55 mm

Material specifications

Flammability rating according to UL 94	V0
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Connector

Insulating body

Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching 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 min.	0.08 mm ²
Litz wire cross-section Power contacts max.	1 mm ²
Rated current Power contacts	10 A
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 min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A

Housing

Thread type	M23
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Mounting type	Rear mounting

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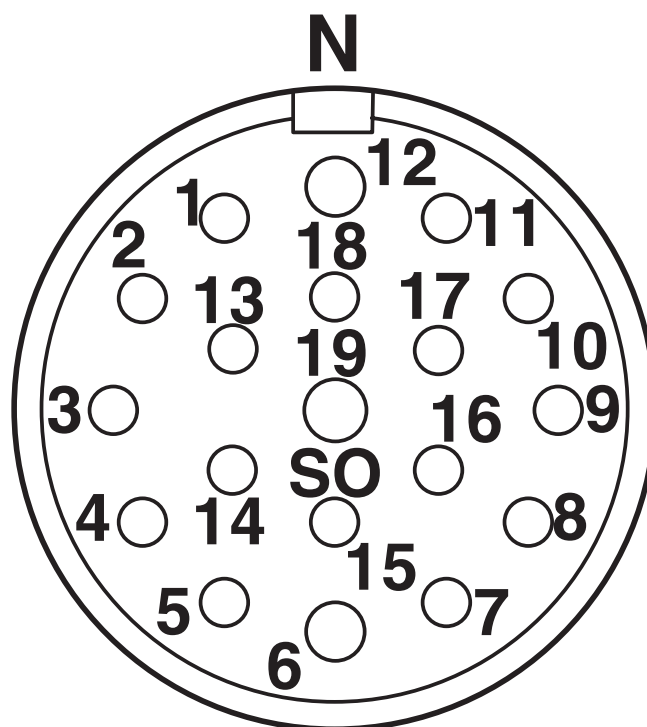
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Degree of protection (plugged in)	IP67

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Drawings

Schematic diagram



Connector pin assignment

Technical drawing of a rectangular plate with a wavy border. The plate contains 15 holes arranged in a 3x5 grid. The dimensions are as follows:

- Overall width: 12
- Overall height: 12
- Hole diameter: 6
- Distance between hole centers (horizontal): 5.5
- Distance between hole centers (vertical): 3.2
- Distance from the left edge to the first hole center: 10.4
- Distance from the bottom edge to the first hole center: 10.4

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Classifications

ECLASS

ECLASS-13.0	27440109
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ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	a3cf5a70-3a63-441d-bc85-91f7fca9c0f4

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