

CA-19S1NE22S00 - Device connector rear mounting



1624393

<https://www.phoenixcontact.com/us/products/1624393>

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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.: 1245144

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 wall mounting optionally with thread or anti-rotation protection and lock nut

Commercial data

Item number	1624393
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEL
GTIN	4055626276830
Weight per piece (including packing)	29.4 g
Weight per piece (excluding packing)	25.9 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

Connector

Insulating body

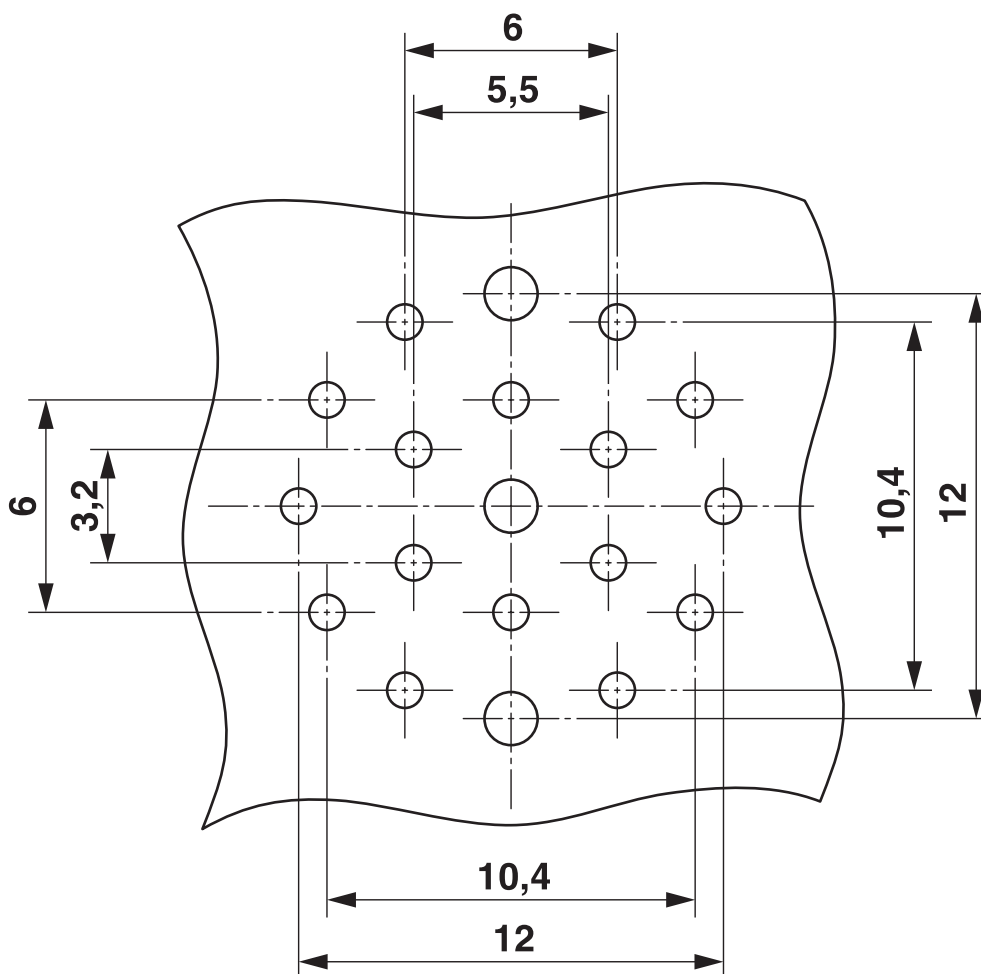
Coding	N
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz 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

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Drawings

Drilling plan/solder pad geometry



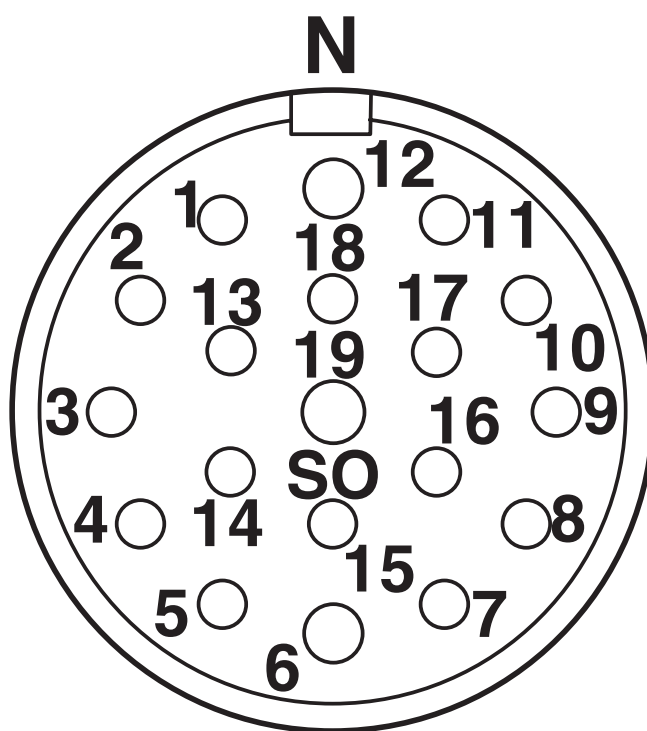
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Schematic diagram



Connector pin assignment

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Classifications

ECLASS

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

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	9a84637c-de92-4ac1-98d1-a1254e5b15a3

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Accessories

SF-Z0019 - Protective cap

1607449

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



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

RC-Z2469 - Protective cap

1611797

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



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

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RC-Z2104 - Metal protective cap

1604260

<https://www.phoenixcontact.com/us/products/1604260>



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

RC-Z2068 - Metal protective cap

1604236

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



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

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CA-Z0110 - Color coding

1620700

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Color coding, color: green



CA-Z0111 - Color coding

1620701

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Color coding, color: orange



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CA-Z0112 - Color coding

1620702

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Color coding, color: black



CA-Z0001 - Contact removal tool

1620699

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



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

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PROT-M23PRO-OT-IP20 - Plastic protective cap

1055753

<https://www.phoenixcontact.com/us/products/1055753>

Plastic protective cap, M23, degree of protection: IP20, series: M23 PRO



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