

1619923
<https://www.phoenixcontact.com/us/products/1619923>

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Solder-in 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.: 1243898

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

Item number	1619923
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820479
Weight per piece (including packing)	27.7 g
Weight per piece (excluding packing)	27.7 g
Customs tariff number	85366990
Country of origin	DE

1619923

<https://www.phoenixcontact.com/us/products/1619923>

Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Length of the solder pin	10 mm
	10 mm

Connector

Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Power contacts	
Rated current	8 A
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

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

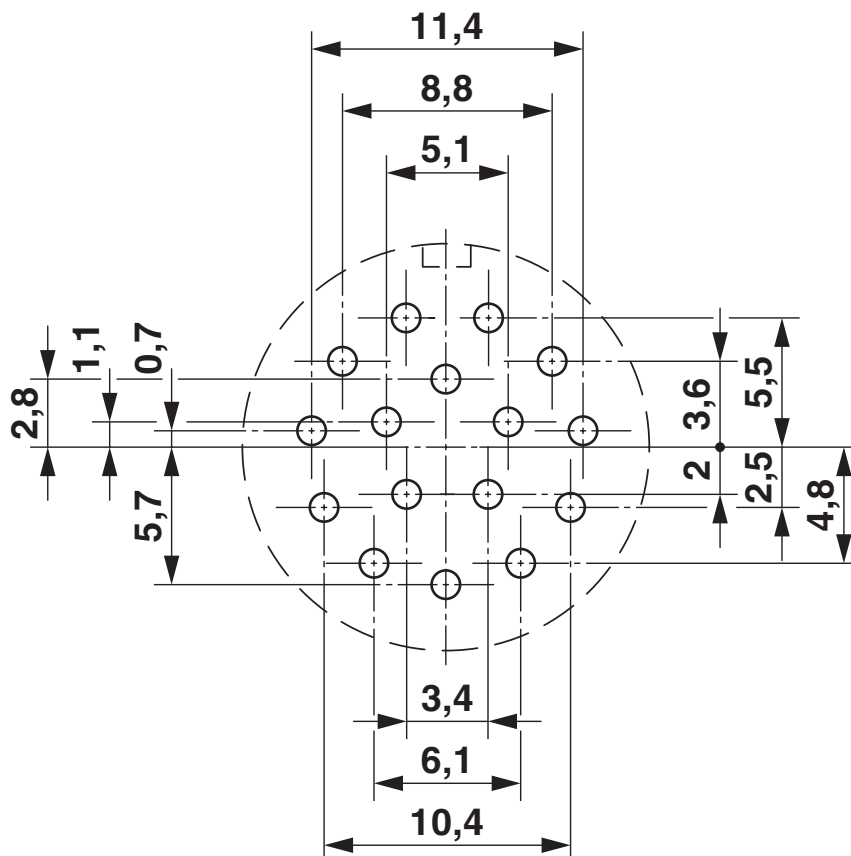
Ambient temperature (operation)	-40 °C ... 125 °C
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1619923

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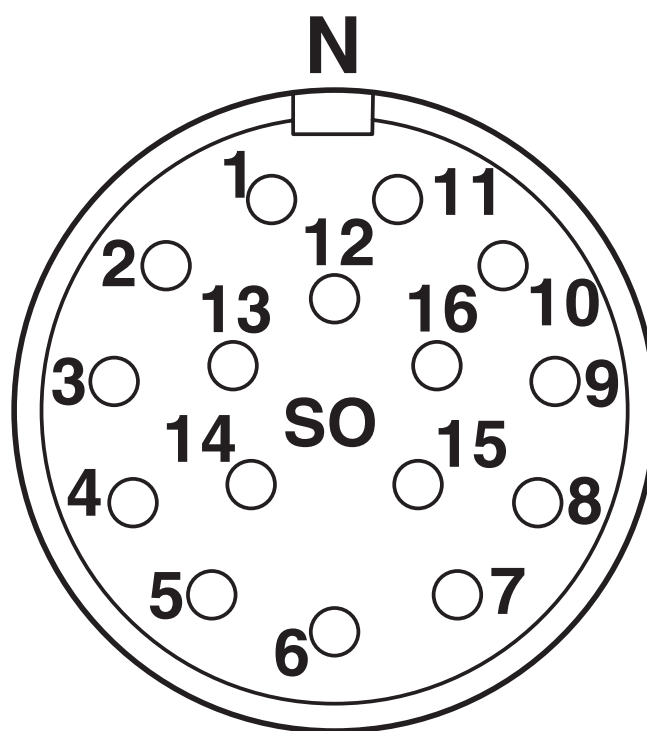
Drawings

Drilling plan/solder pad geometry



16-pos.


Schematic diagram




Connector pin assignment

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619923>

<div> cUL Recognized Approval ID: E335019-20141210</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	5 A	18 - 18	-

<div> UL Recognized Approval ID: E335019-20141210</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	8 A	18 - 18	-

cULus Recognized				
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CA-16S1NA22S00 - Device connector front mounting



1619923

<https://www.phoenixcontact.com/us/products/1619923>

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	f8a5213b-f9ae-413d-980e-40e3da56f07b

1619923

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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

CA-16S1NA22S00 - Device connector front mounting



1619923

<https://www.phoenixcontact.com/us/products/1619923>

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

CA-16S1NA22S00 - Device connector front mounting



1619923

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CA-Z0120 - Color coding

1620704

<https://www.phoenixcontact.com/us/products/1620704>

Color coding, color: green



CA-Z0121 - Color coding

1620705

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

Color coding, color: orange



CA-16S1NA22S00 - Device connector front mounting



1619923

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CA-Z0122 - Color coding

1620706

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

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



CA-16S1NA22S00 - Device connector front mounting



1619923

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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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