

1624053
<https://www.phoenixcontact.com/gb/products/1624053>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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: Pin, Solder connection, Axial seal, Central fastening M20 x 1.5, can be positioned via a locking nut, coding: N

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	1624053
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAEL
Product key	ABRAEL
GTIN	4055626227740
Weight per piece (including packing)	42.3 g
Weight per piece (excluding packing)	35.286 g
Customs tariff number	85366990
Country of origin	DE

CA-16P1N126L00 - Device connector front mounting



1624053

<https://www.phoenixcontact.com/gb/products/1624053>

Technical data

Product properties

Product type	Circular connectors (device side)
Data management status	
Article revision	04

Material specifications

Flammability rating according to UL 94	V0
--	----

Connector

Insulating body

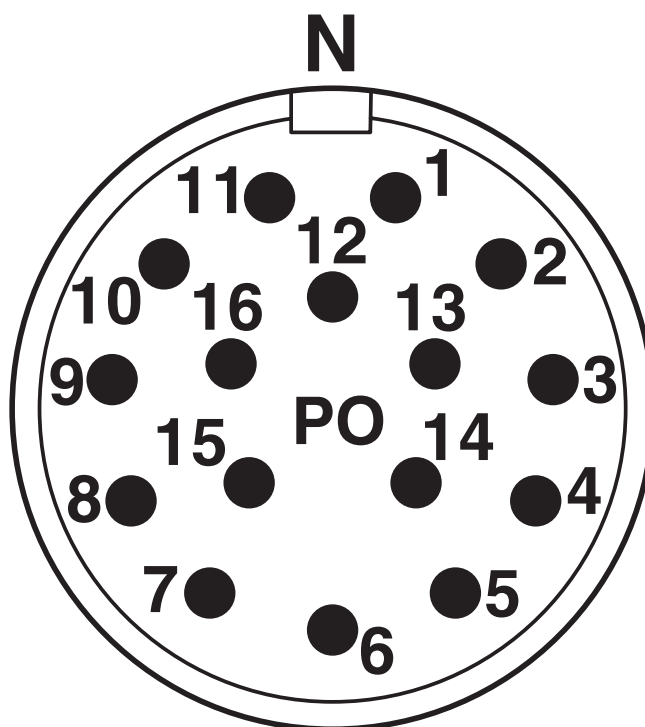
Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Rated voltage	48 V AC 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 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

Schematic diagram

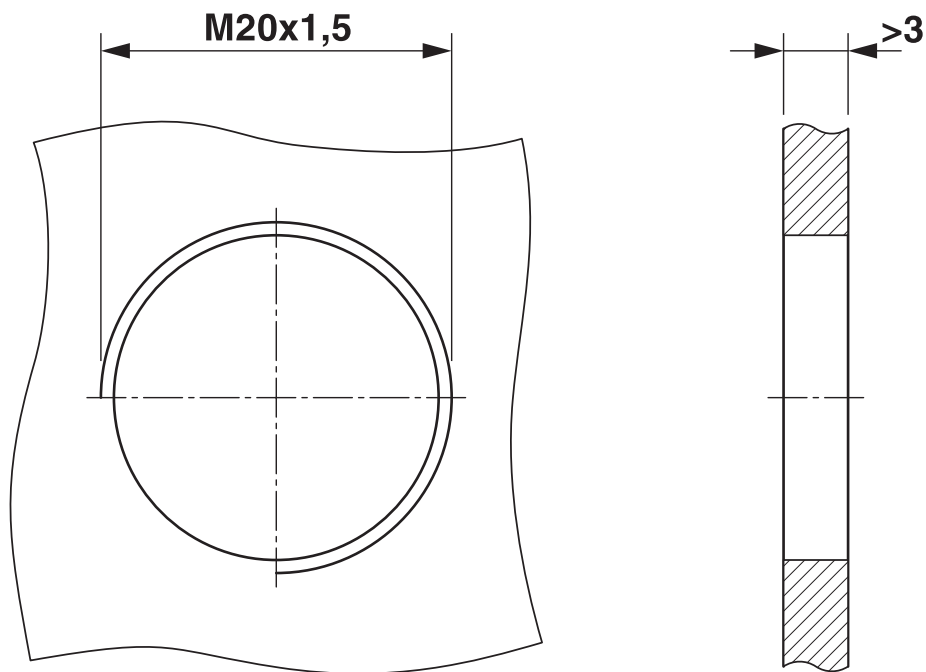


Connector pin assignment

1624053

<https://www.phoenixcontact.com/gb/products/1624053>

Dimensional drawing



Installation dimensions

CA-16P1N126L00 - Device connector front mounting



1624053

<https://www.phoenixcontact.com/gb/products/1624053>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1624053>

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

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

cULus Recognized				
------------------	--	--	--	--

CA-16P1N126L00 - Device connector front mounting



1624053

<https://www.phoenixcontact.com/gb/products/1624053>

Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 9.0	EC003569
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

1624053

<https://www.phoenixcontact.com/gb/products/1624053>

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	930e18e6-ad0b-41d2-9e02-50cec410efeb

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

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