

1623833

https://www.phoenixcontact.com/us/products/1623833

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M23, Cable connector, series: CA, straight, shielded: yes, SPEEDCON, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244995

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
- · Reduced connection time with SPEEDCON fast locking system
- · Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1623833
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEB
Catalog page	Page 85 (C-2-2019)
GTIN	4055626228433
Weight per piece (including packing)	93.566 g
Weight per piece (excluding packing)	90 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

Order information:	Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Mounting	
Thread type	()
Product properties	
Product type	Circular connector (cable-side)
Data management status	
Article revision	05

Connector

Insulating body

nsulating body	
Note	Order information: Order crimp contacts 16x Ø 1 mm, 2x Ø 1. 5 mm, 1x Ø 1.5 mm (FE, first) separately
Coding	N
Insulation body material	PA 6.6
Insertion/withdrawal cycles	100
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	10 A
Note	for max. connection cross section
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	II .
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 mm²
Nominal current per signal contact	8 A



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Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Installation height	2000 m
Housing	
Housing material	CuZN, GD-Zn
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23
Seal	
External cable diameter	6 mm 10 mm
Seal material	NBR

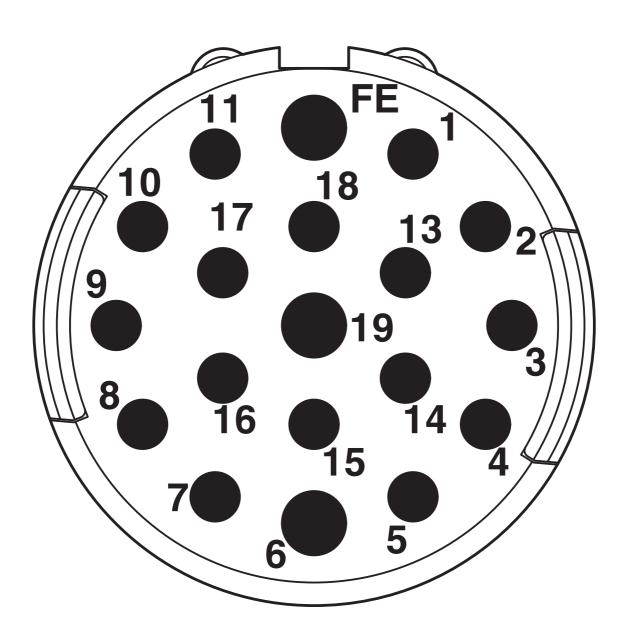


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Drawings

Schematic diagram



Connector pin assignment



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1623833

. 511	cUL Recognized Approval ID: E335019-20	141210			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power		48 V	6 A	18 - 18	-
Signal		48 V	5 A	18 - 18	-

UL Recognized Approval ID: E335019-2	0141210			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	48 V	10 A	18 - 18	-
Signal	48 V	8 A	18 - 18	-

		-		
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Classifications

UNSPSC 21.0

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116
ETIM	
ETIM 9.0	EC002635
UNSPSC	

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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	779905af-0497-4e4c-8d7a-2a40dc0a85d9

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