

1624087

https://www.phoenixcontact.com/gb/products/1624087

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M23, Cable connector, series: CA, angled, shielded: yes, SPEEDCON, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1245097



Your advantages

- · Angled cable outlet for confined spaces
- · Can be adapted to various applications, thanks to adjustable cable outlet direction
- · 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	1624087
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABRAED
Product key	ABRAED
Catalog page	Page 91 (C-2-2019)
GTIN	4055626230771
Weight per piece (including packing)	188 g
Weight per piece (excluding packing)	188 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	
Pr	oduct properties	ies	
	Product type	Circular connector (cable-side)	
	Data management status		
	Article revision	06	

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 mm²
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV



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Overvoltage category	III	
Degree of pollution	3	
Installation height	2000 m	
Housing		
Housing material	Metal	
Type of locking	SPEEDCON	
Pg screw connection	none	
Degree of protection (plugged in)	IP67	
Thread type	M23	
Seal		
External cable diameter	10 mm 14.5 mm	
Seal material	NBR	
Environmental and real-life conditions Ambient conditions		
Ambient temperature (storage/transport)	15 °C 25 °C	
Permissible humidity (storage/transport)	50 % 65 %	

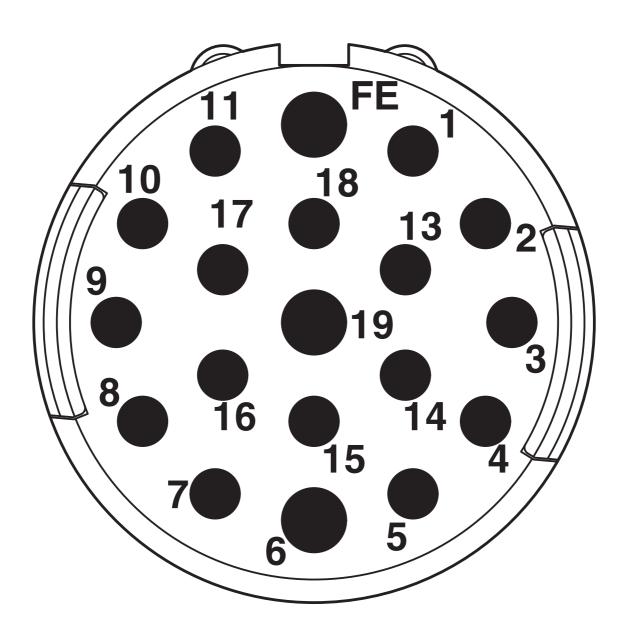


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Drawings

Schematic diagram



Connector pin assignment



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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	48e2bff1-8796-48c5-8cf7-0bb49b2ef04d

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