

1619448

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M23, Cable connector, series: CA, angled, shielded: yes, SPEEDCON, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, this item is expected to be lead-free from Q4 2025 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

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	1619448
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAED
GTIN	4046356823999
Weight per piece (including packing)	191 g
Weight per piece (excluding packing)	182.964 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

Order information:	Order crimp contacts 6 x Ø 2 mm separately
Order information:	When using a specific cable with Ø 3 mm 4 mm, it may be necessary to use the special cable seal (1786601)

Product properties

Connector

Connection 1

Head design	Socket

Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number Contact	0
Number Contact (Signal contacts)	6
Diameter Contact (Signal contacts)	2 mm
Litz wire cross-section min. Contact (Signal contacts)	1 mm²
Litz wire cross-section max. Contact (Signal contacts)	2.5 mm ²
Nominal current per signal contact	20 A (for max. connection cross section)
Rated voltage Contact (Signal contacts)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

- rousing		
Туре	Cable connector housing	
Thread type	M23	
Design	angled	
Type of locking	SPEEDCON	
Pg screw connection	none	
Housing material	Metal	
Degree of protection (plugged in)	IP67	

Seal



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External cable diameter	3 mm 14.5 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C 125 °C
Permissible humidity (storage/transport)	50 % 65 %

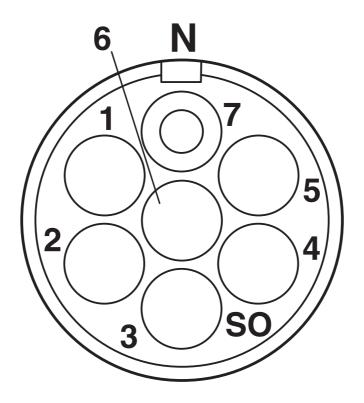


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Drawings

Schematic diagram



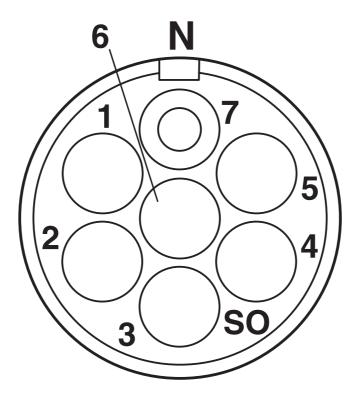
Connector pin assignment



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Schematic diagram



Connector pin assignment



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1619448

CUL Recognized Approval ID: E335019-20141210					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine					
		48 V	10 A	14	-

UL Recognized Approval ID: E335019-20141210					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine					
		48 V	17 A	14	-



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Classifications

ECLASS

	ECLASS-13.0	27440116
	ECLASS-15.0	27440116
ET	IM	
	ETIM 9.0	EC002635
UN	ISPSC	

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	321a4799-877b-4f8c-9571-69d5a9210191	

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