

RC-16S1N12T0EM - Cable connector



1601016

<https://www.phoenixcontact.com/us/products/1601016>

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M23, Cable connector, series: RC, angled, shielded: yes, Screw locking mechanism, No. of pos. : 16, Direction of rotation: Standard, contact connection type: Socket, Solder cup, cable diameter range: 3 mm ... 10.5 mm, coding: N

Commercial data

Item number	1601016
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFC
GTIN	4046356697613
Weight per piece (including packing)	151.97 g
Weight per piece (excluding packing)	139.91 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Connector

Insulating body	
Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Litz wire cross-section	0.08 mm²
Litz wire cross-section	1 mm²
Rated current	8 A
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing	
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal	
External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

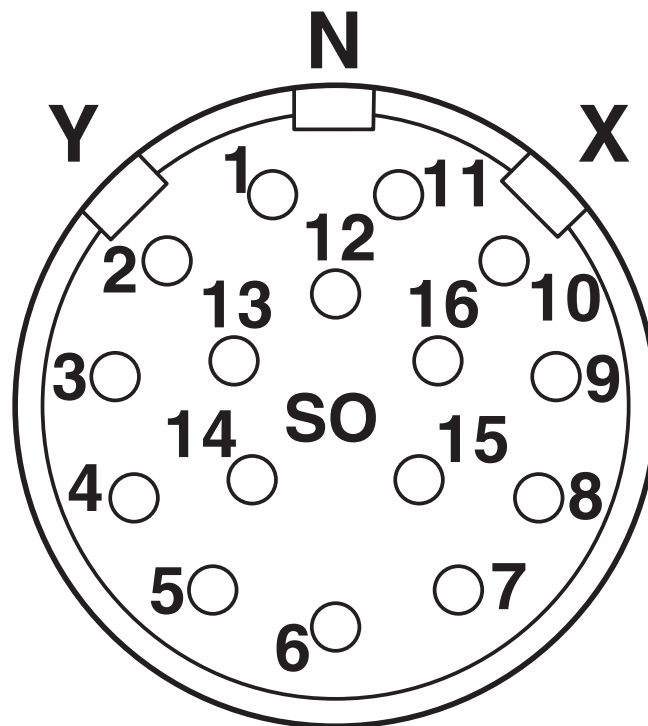
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440102
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ETIM

ETIM 8.0	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)

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