

RC-16P1N121500 - Cable connector



1600518

<https://www.phoenixcontact.com/pc/products/1600518>

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M23, Cable connector, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241216

Commercial data

Item number	1600518
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356230469
Weight per piece (including packing)	85.69 g
Weight per piece (excluding packing)	85.69 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	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter	1 mm
Litz wire cross-section	0.08 mm ²
Litz wire cross-section	1 mm ²
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	Pg9
Degree of protection (plugged in)	IP65 IP67 IP68
Thread type	M23

Seal

External cable diameter	6 mm ... 10 mm
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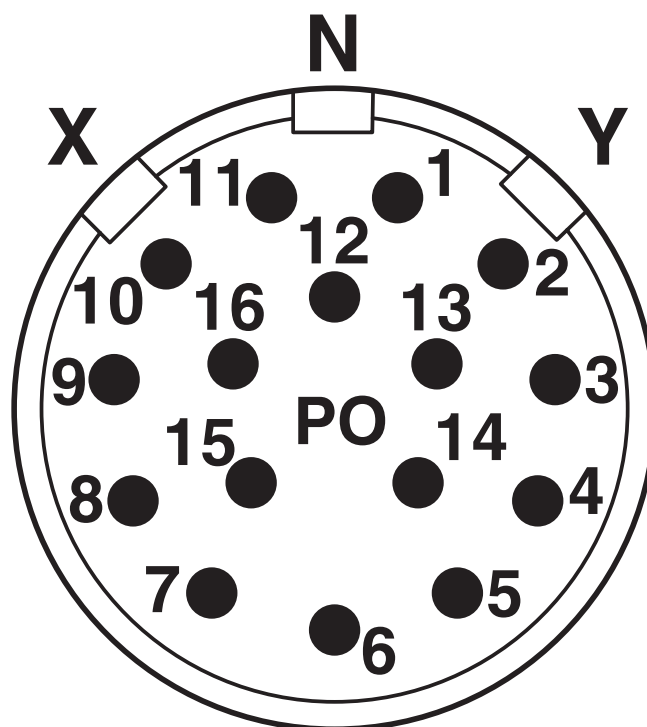
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

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)
SCIP	4f99414f-f8d9-4f18-b9b7-6766627537cd

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Accessories

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

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Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM

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