RC-07P1N121500 - Cable connector

1594269

https://www.phoenixcontact.com/us/products/1594269

PHŒNIX CONTACT

M23, Cable connector, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder cup, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240473

Commercial data

Item number	1594269
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB31
Product key	ABRAFA
GTIN	4046356200486
Weight per piece (including packing)	85.98 g
Weight per piece (excluding packing)	85.98 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter Power contacts	2 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	2.5 mm²
Rated current Power contacts	20 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

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Drawings

Schematic diagram
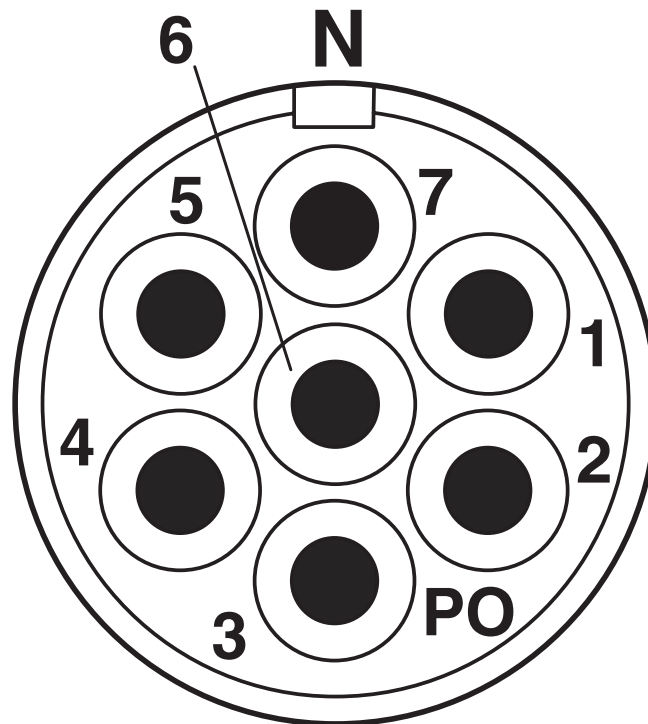
Connector pin assignment

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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	e336fa48-6607-4e10-8b59-aad5369e6ce0

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Accessories

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

1577206

https://www.phoenixcontact.com/us/products/1577206

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

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