

RC-07P1N12WB00 - Device connector front mounting



1594419

<https://www.phoenixcontact.com/il/products/1594419>

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M23, Device connector front mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder cup, Axial O-ring, 4x Ø 3.2, coding: N

Commercial data

Item number	1594419
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
GTIN	4046356201216
Weight per piece (including packing)	34.2 g
Weight per piece (excluding packing)	34.2 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Connector

Insulating body

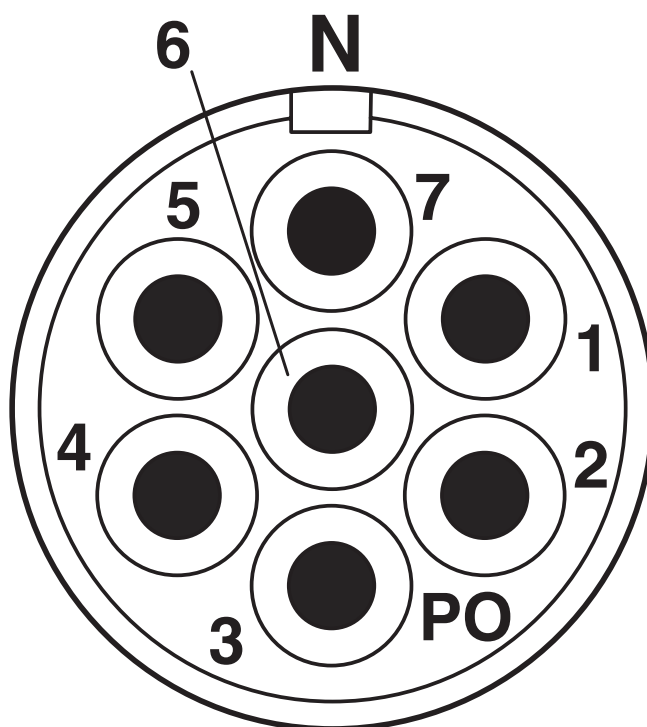
Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter Power contacts	2 mm
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	2.5 mm ²
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	none
Degree of protection (plugged in)	IP67
Thread type	M23

Drawings

Schematic diagram



Connector pin assignment

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Environmental product compliance

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.)	No substance above 0.1 wt%
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