

RC-06S1N8AY100 - Device connector front mounting with knurled nut



1610272

<https://www.phoenixcontact.com/us/products/1610272>

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The figure shows the 9-pos. product version

M23, Device connector front mounting with knurled nut, application: Signal, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Flat gasket, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %). This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1610272
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFO
GTIN	4046356262910
Weight per piece (including packing)	35.685 g
Weight per piece (excluding packing)	31.779 g
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 2 mm separately
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Product properties

Product type	Circular connectors (device side)
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Connector

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 group 1)	6
Contact diameter (Contact group 1)	2 mm
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Mounting type	Front mounting/square flange (4x Ø 2.7 mm)
Housing material	Metal
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

Environmental and real-life conditions

Ambient conditions

Permissible humidity (storage/transport)	50 % ... 65 %
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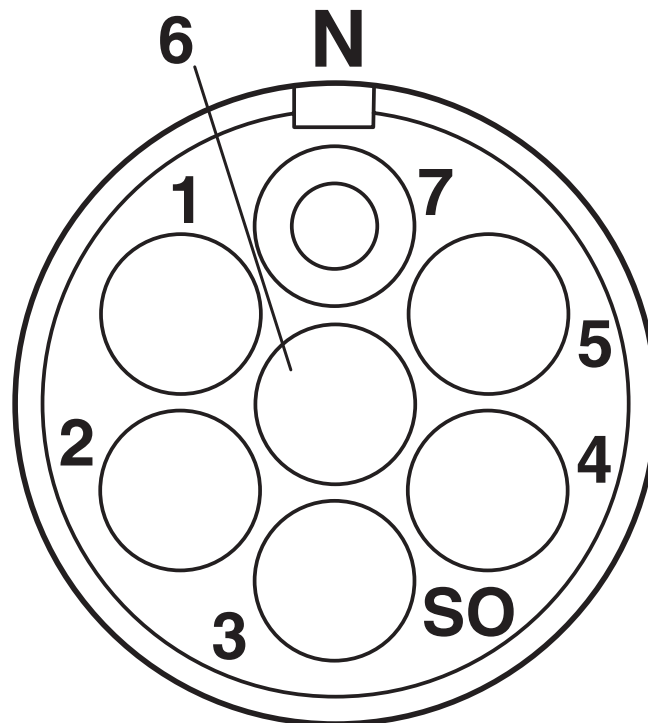
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 10.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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