

# RC-06S1N8A4300X - Device connector rear mounting



1242490

<https://www.phoenixcontact.com/us/products/1242490>

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Device connector rear mounting, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1242490
Packing unit	40 pc
Minimum order quantity	1 pc
Product key	ABRAFR
GTIN	4063151453619
Weight per piece (including packing)	112.8 g
Weight per piece (excluding packing)	27.98 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Thread type	M23

### Connection data

#### Conductor connection

Connection method	Solder connection
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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 (Contact group 1)	6
Diameter Contact (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

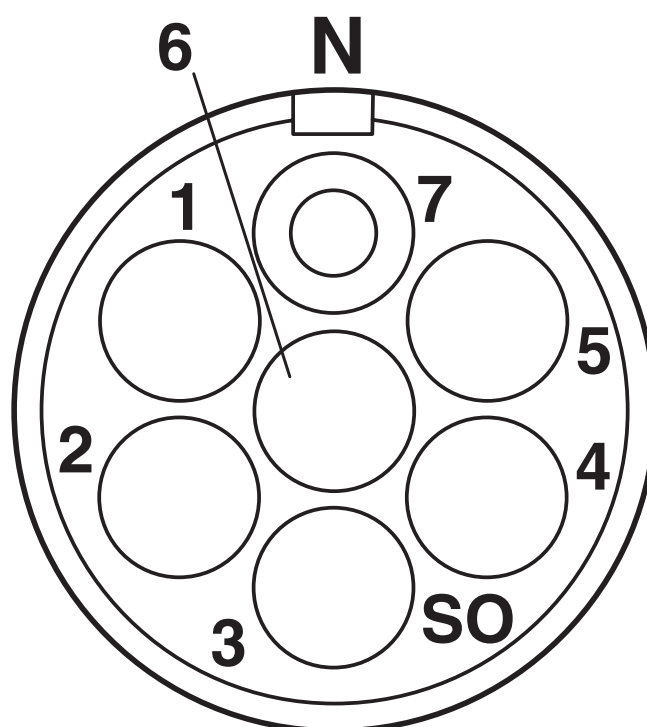
### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
Permissible humidity (storage/transport)	50 % ... 65 %

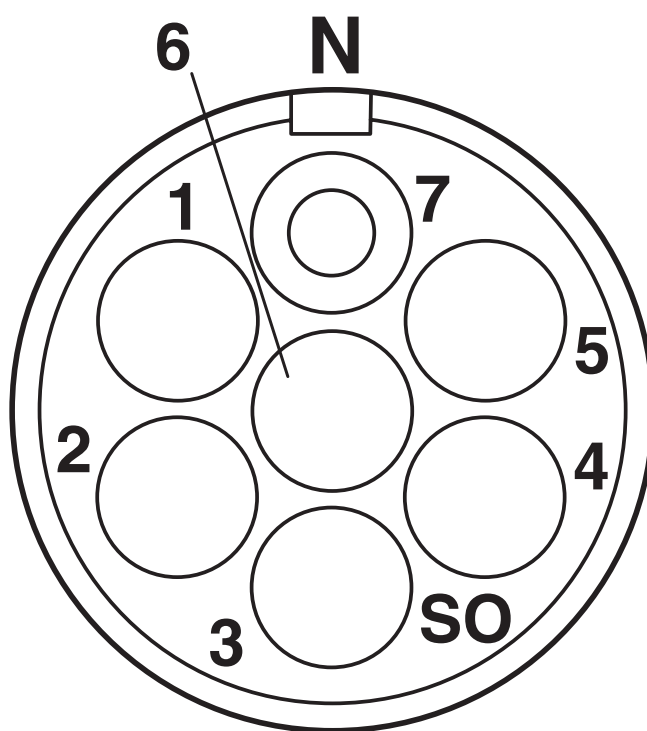
## Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Connector pin assignment

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## Classifications

ETIM

ETIM 9.0	EC003569
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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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