

# RC-06P1N8A2100 - Device connector front mounting



1593423

<https://www.phoenixcontact.com/us/products/1593423>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



M23, Device connector front mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240366

## Commercial data

Item number	1593423
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFL
GTIN	4046356196109
Weight per piece (including packing)	27.837 g
Weight per piece (excluding packing)	27.837 g
Customs tariff number	85366990
Country of origin	DE

# RC-06P1N8A2100 - Device connector front mounting



1593423

<https://www.phoenixcontact.com/us/products/1593423>

## Technical data

### Notes

Order information:	Order crimp contacts Ø 2 mm separately
--------------------	--

### Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

### Connector

#### Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Rated current	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

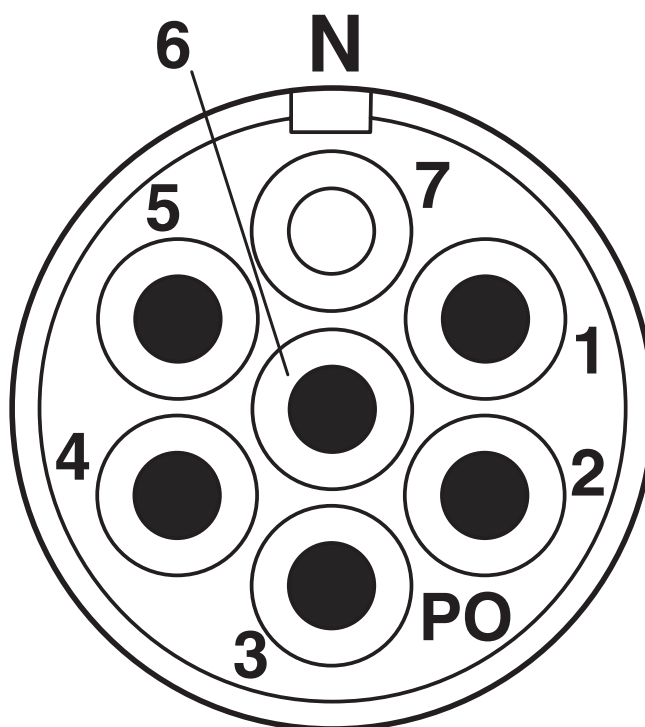
### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

## Drawings

Schematic diagram



Connector pin assignment

# RC-06P1N8A2100 - Device connector front mounting



1593423

<https://www.phoenixcontact.com/us/products/1593423>

## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	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	406f931e-9b02-4430-85c8-6e35a8aaa41e