

# RC-07P1N128050X - Cable connector



1240483

<https://www.phoenixcontact.com/us/products/1240483>

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, Cable connector, application: Signal, straight, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 4.5 mm ... 5.5 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1240483
Packing unit	20 pc
Minimum order quantity	1 pc
Product key	ABRAFA
GTIN	4063151433765
Weight per piece (including packing)	79.185 g
Weight per piece (excluding packing)	72.914 g
Country of origin	DE

# RC-07P1N128050X - Cable connector



1240483

<https://www.phoenixcontact.com/us/products/1240483>

## Technical data

### Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

### Connector

#### Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
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
Number (Contact group 1)	7
Contact diameter (Contact group 1)	2 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm <sup>2</sup>
Litz wires Max. cross section (Contact group 1)	2.5 mm <sup>2</sup>
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

Note	Order contact inserts separately
Type	Cable connector housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Material (Housing)	Metal
Degree of protection (plugged in)	IP65 IP67 IP68

#### Seal

External cable diameter	4.5 mm ... 5.5 mm
-------------------------	-------------------

# RC-07P1N128050X - Cable connector

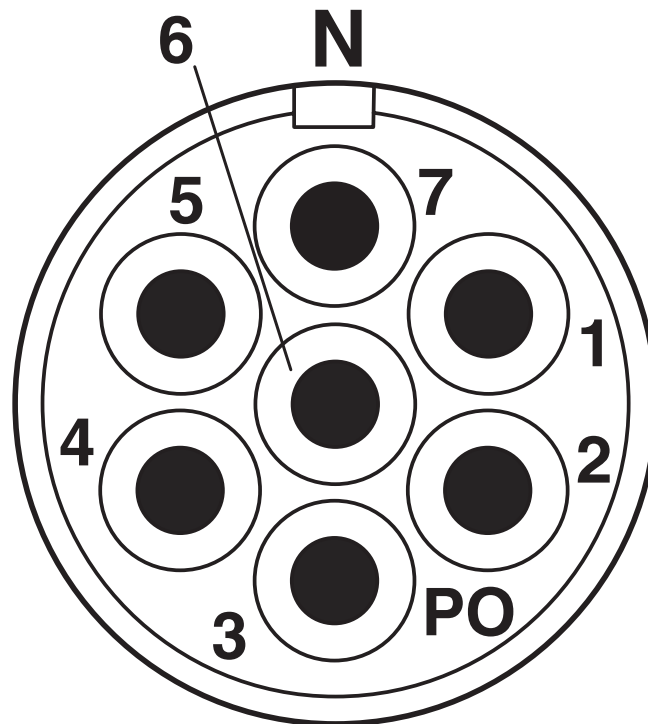


1240483

<https://www.phoenixcontact.com/us/products/1240483>

## Drawings

Schematic diagram



Connector pin assignment

# RC-07P1N128050X - Cable connector



1240483

<https://www.phoenixcontact.com/us/products/1240483>

Schematic diagram



Dimensional drawing

# RC-07P1N128050X - Cable connector



1240483

<https://www.phoenixcontact.com/us/products/1240483>

## Classifications

### ECLASS

ECLASS-13.0

27440116

### ETIM

ETIM 9.0

EC002635

# RC-07P1N128050X - Cable connector



1240483

<https://www.phoenixcontact.com/us/products/1240483>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)