

RC-06P1N128052 - Cable connector



1593161

<https://www.phoenixcontact.com/us/products/1593161>

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, straight, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 7.5 mm ... 9.5 mm, coding: N

Commercial data

Item number	1593161
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFA
GTIN	4046356194587
Weight per piece (including packing)	77.635 g
Weight per piece (excluding packing)	77.635 g
Customs tariff number	85366990
Country of origin	DE

RC-06P1N128052 - Cable connector

1593161

<https://www.phoenixcontact.com/us/products/1593161>



Technical data

Product properties

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

Connector

Insulating body

Coding	N
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number Contact (Contact group 1)	6
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm ²
Litz wire cross-section max. Contact (Contact group 1)	2.5 mm ²
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
Thread type	M23
Type of locking	Screw locking mechanism
Pg screw connection	none
Housing material	Metal
Degree of protection (plugged in)	IP65
	IP67
	IP68

Seal

External cable diameter	7.5 mm ... 9.5 mm
-------------------------	-------------------

RC-06P1N128052 - Cable connector

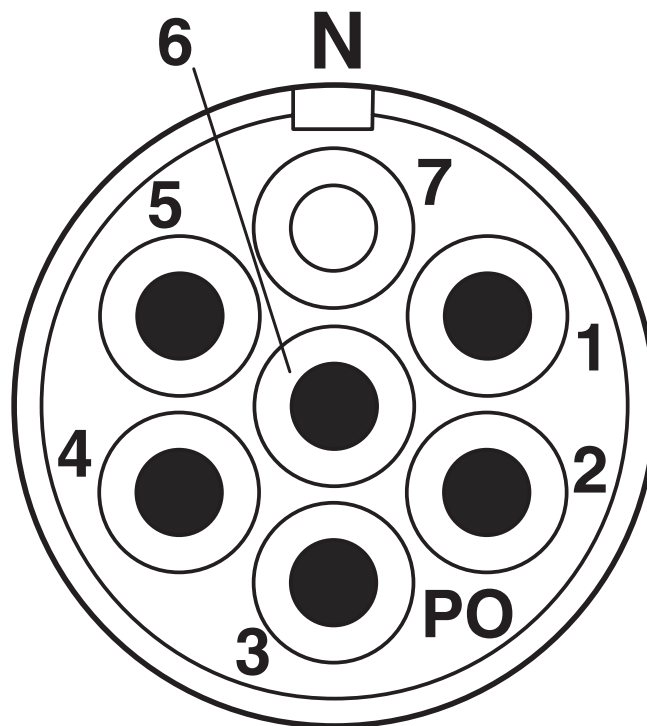
1593161

<https://www.phoenixcontact.com/us/products/1593161>



Drawings

Schematic diagram



Connector pin assignment

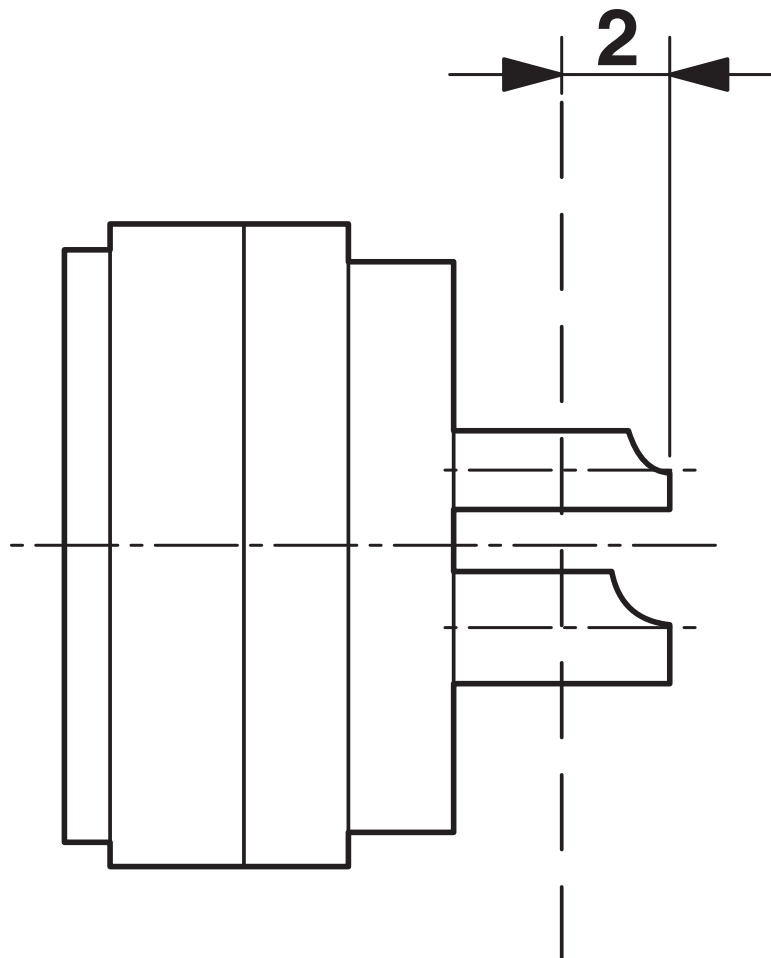
RC-06P1N128052 - Cable connector

1593161

<https://www.phoenixcontact.com/us/products/1593161>



Schematic diagram



Dimensional drawing

RC-06P1N128052 - Cable connector



1593161

<https://www.phoenixcontact.com/us/products/1593161>

Classifications

UNSPSC

UNSPSC 21.0	39121413
-------------	----------

RC-06P1N128052 - Cable connector



1593161

<https://www.phoenixcontact.com/us/products/1593161>

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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - 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