

RC-06P1N224200 - Device connector rear mounting



1593398

<https://www.phoenixcontact.com/us/products/1593398>

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 rear mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Radial O-ring, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm, coding: N

The figure shows the 12-pos.
product version

Commercial data

Item number	1593398
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFR
GTIN	4046356195973
Weight per piece (including packing)	33.06 g
Weight per piece (excluding packing)	33.06 g
Country of origin	DE

RC-06P1N224200 - Device connector rear mounting



1593398

<https://www.phoenixcontact.com/us/products/1593398>

Technical data

Product properties

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

Connector

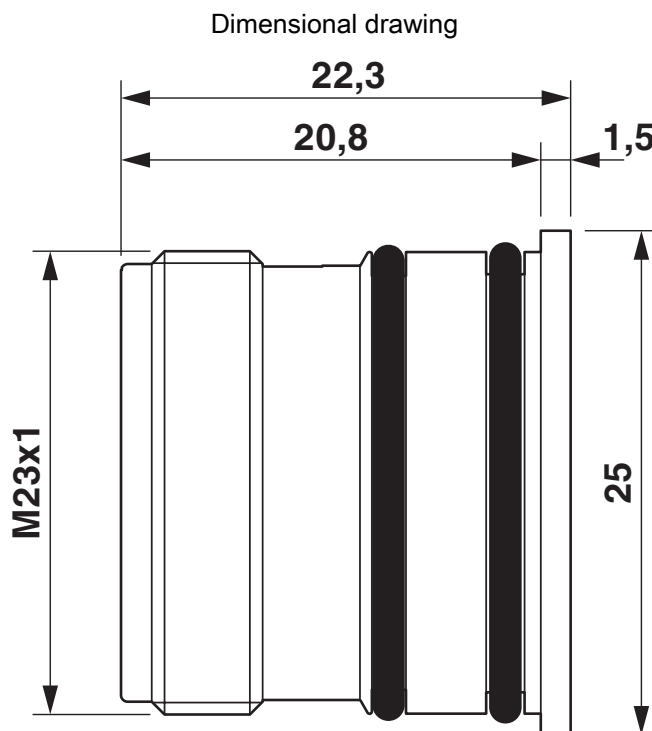
Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
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

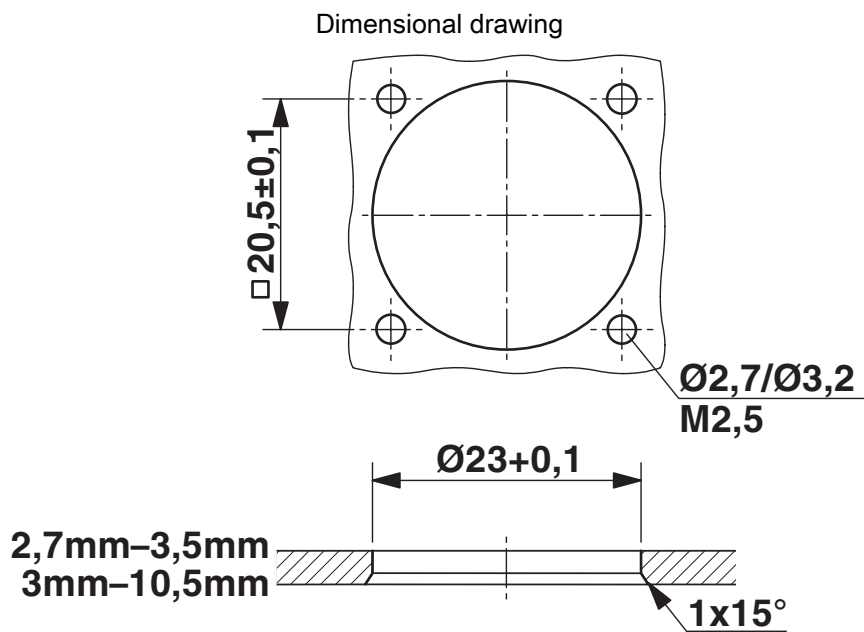
Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting/square flange (4x M2,5)
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Radial O-ring

Drawings



Dimensional drawing



Installation dimensions

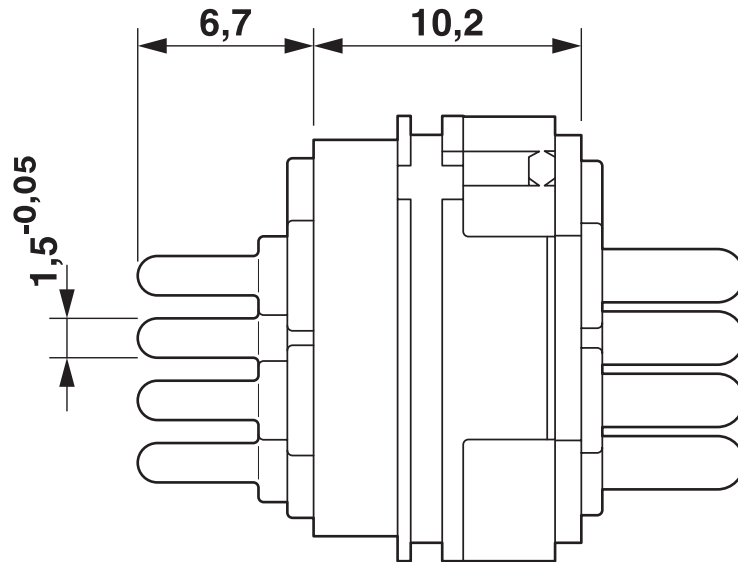
RC-06P1N224200 - Device connector rear mounting

1593398

<https://www.phoenixcontact.com/us/products/1593398>

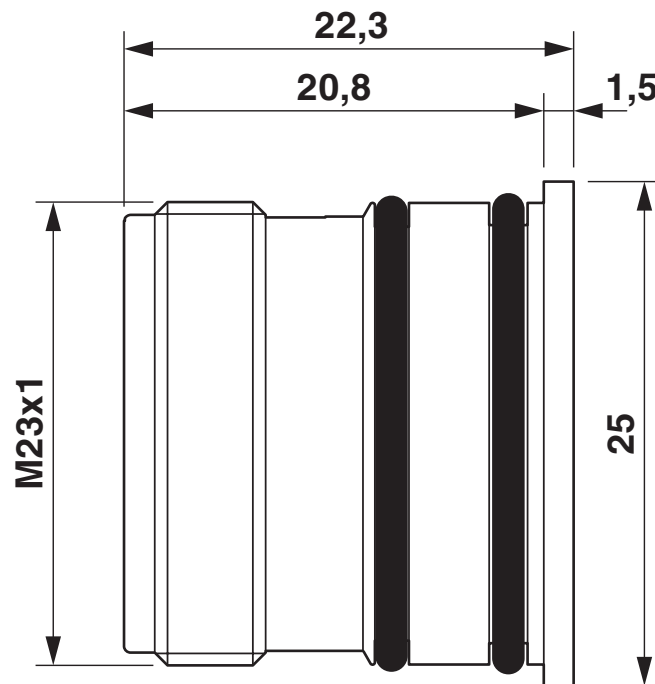


Dimensional drawing



Dimensional drawing

Dimensional drawing



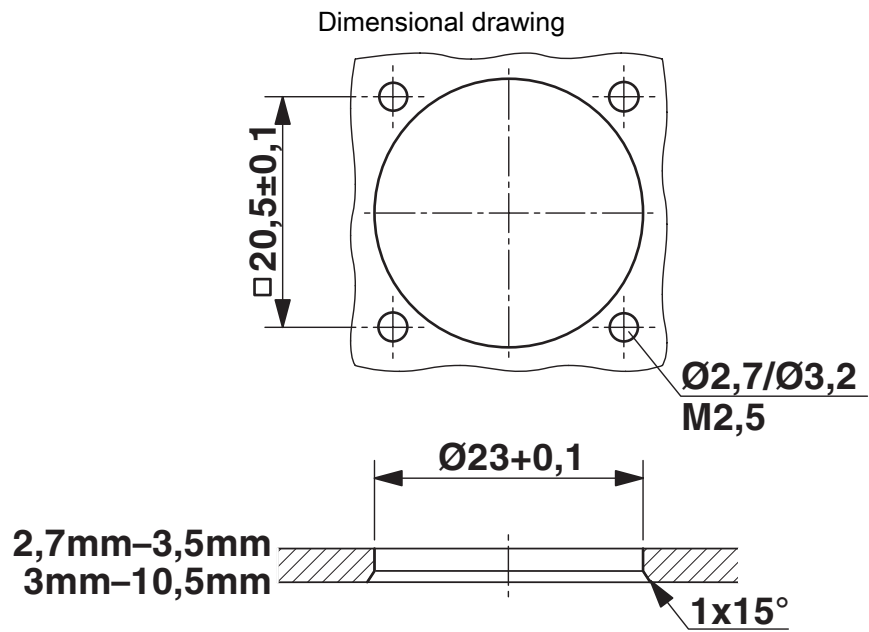
Dimensional drawing

RC-06P1N224200 - Device connector rear mounting



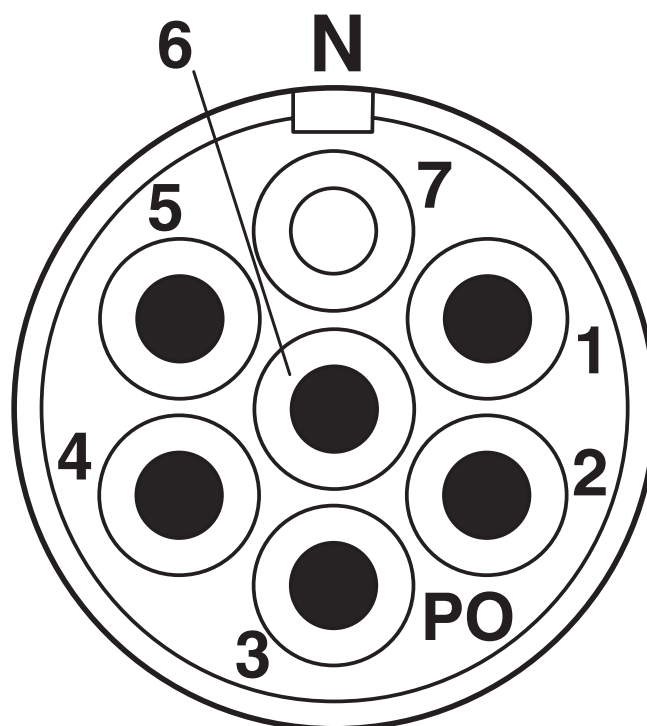
1593398

<https://www.phoenixcontact.com/us/products/1593398>



Installation dimensions

Schematic diagram



Connector pin assignment

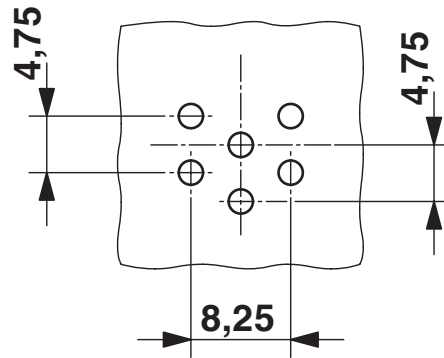
RC-06P1N224200 - Device connector rear mounting

1593398

<https://www.phoenixcontact.com/us/products/1593398>



Drilling plan/solder pad geometry



1593398

<https://www.phoenixcontact.com/us/products/1593398>

Environmental product compliance

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 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