

1594586
<https://www.phoenixcontact.com/gb/products/1594586>

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M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Flat gasket, 4xM3, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm, coding: N

Commercial data

Item number	1594586
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFR
GTIN	4046356202305
Weight per piece (including packing)	30.02 g
Weight per piece (excluding packing)	30.02 g
Country of origin	DE

RC-07S1N124100 - Device connector rear mounting



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Technical data

Product properties

Product type	Circular connectors (device side)
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Connector

Insulating body

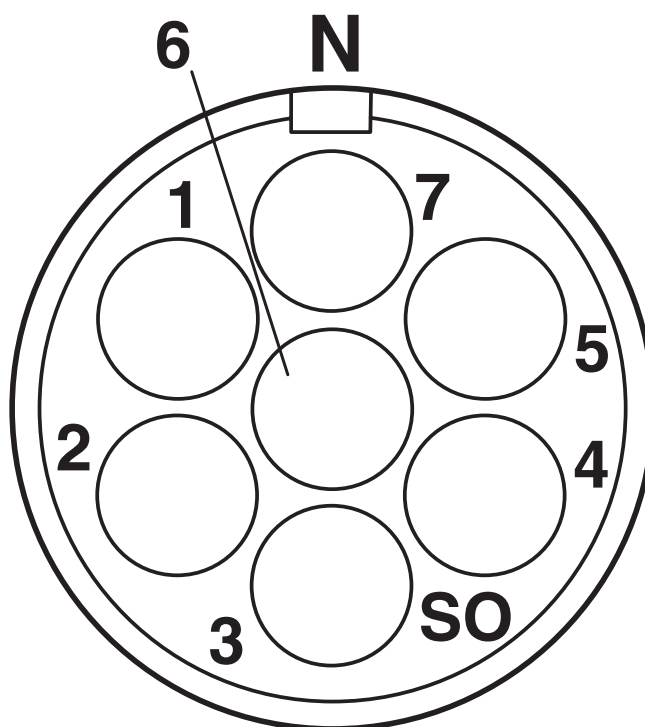
Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter	2 mm
Litz wire cross-section	0.08 mm²
Litz wire cross-section	2.5 mm²
Rated current	20 A
Rated 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

Drawings

Schematic diagram



Connector pin assignment

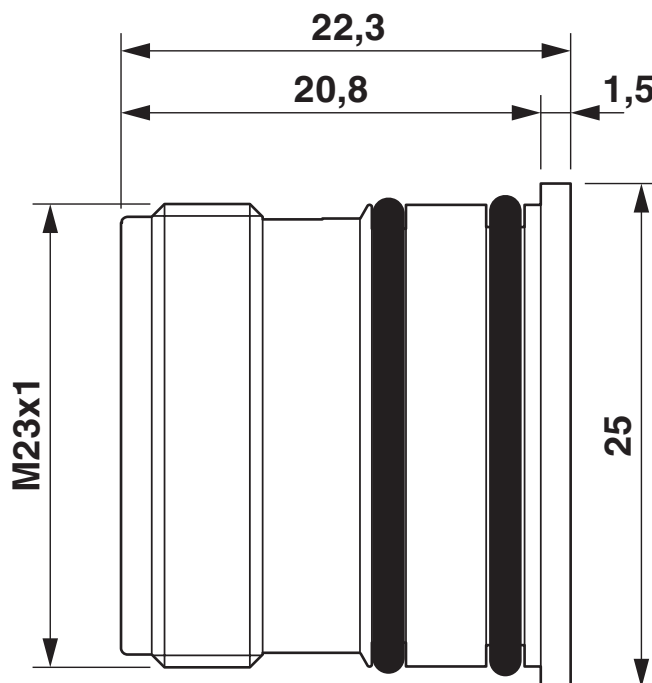
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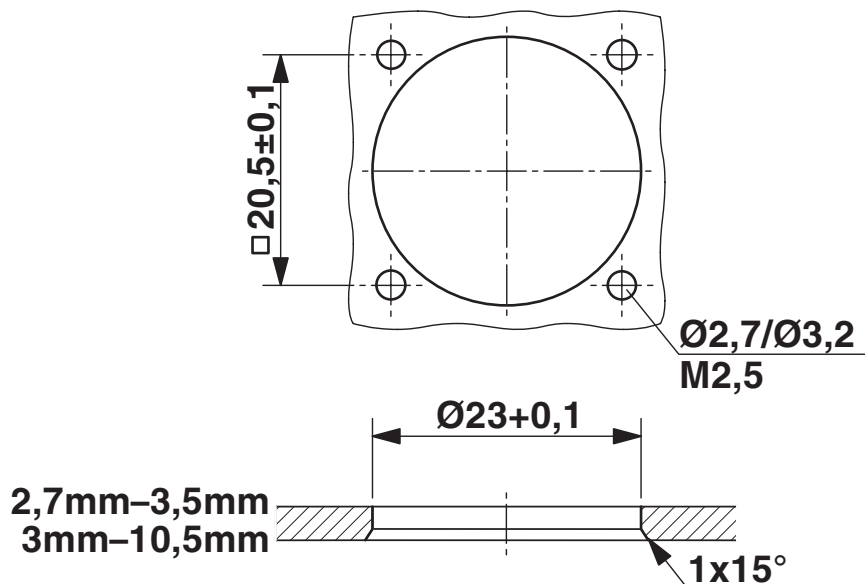


Dimensional drawing



Dimensional drawing, side view

Dimensional drawing



Installation dimensions

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%
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Accessories

RC-Z2048 - Flat gasket

1604210

<https://www.phoenixcontact.com/gb/products/1604210>

Flat gasket, 4x Ø 3, color: black, with fabric lining, series: RC



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