

# RC-06S1N124100 - Device connector rear mounting



1593692

<https://www.phoenixcontact.com/pc/products/1593692>

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M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, No. of pos.: 6, 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                          | 1593692                        |
| Packing unit                         | 40 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ABRAFL                         |
| GTIN                                 | 4046356197557                  |
| Weight per piece (including packing) | 32.575 g                       |
| Weight per piece (excluding packing) | 29.57 g                        |
| Customs tariff number                | 85366990                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

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

### Material specifications

|                  |       |
|------------------|-------|
| Housing material | Metal |
|------------------|-------|

### Connector

#### Insulating body

|                             |                      |
|-----------------------------|----------------------|
| Coding                      | N                    |
| Insertion/withdrawal cycles | 50                   |
| Connection method           | Solder cup           |
| Contact switching type      | Socket               |
| Application                 | Signal               |
| Number of positions         | 6                    |
| Direction of rotation       | Standard             |
| Connection profile          | 6                    |
| Contact diameter            | 2 mm                 |
| Litz wire cross-section     | 0.08 mm <sup>2</sup> |
| Litz wire cross-section     | 2.5 mm <sup>2</sup>  |
| Rated current               | 20 A                 |
| Rated voltage               | 48 V AC<br>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                     |

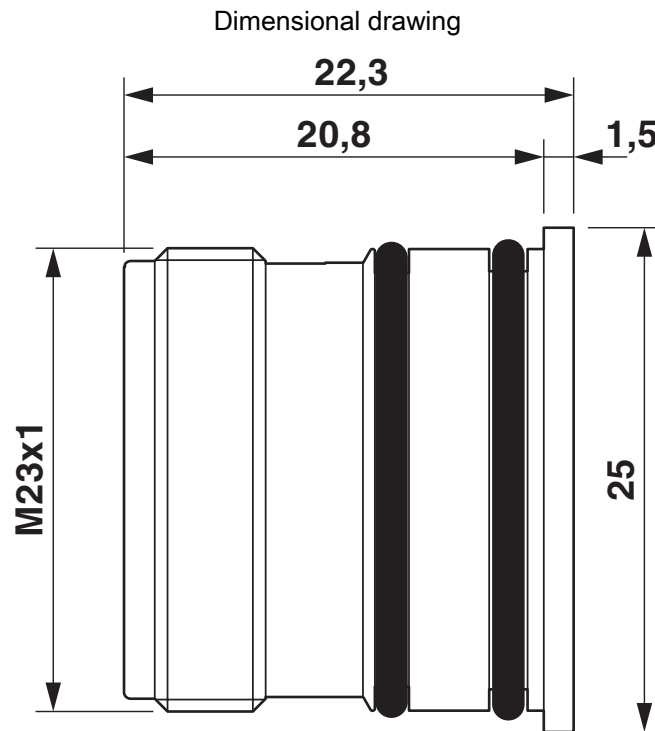
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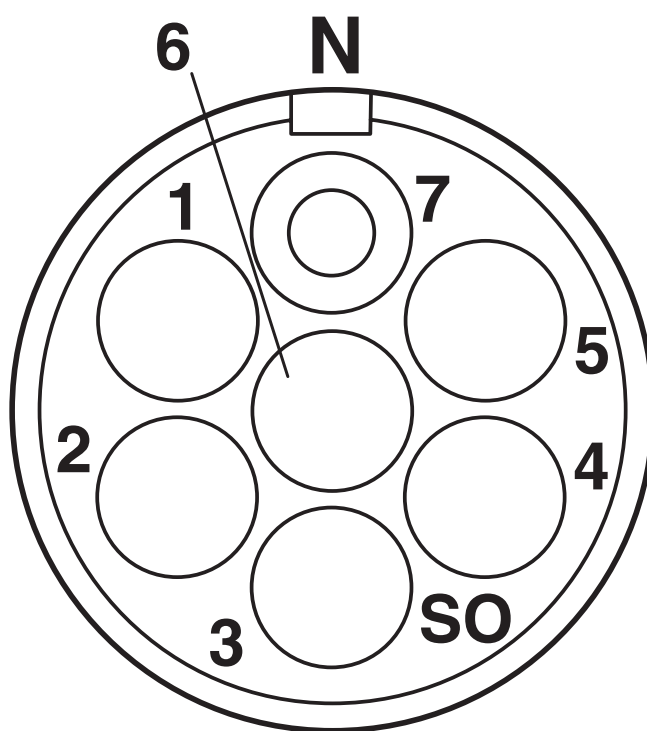


## Drawings



Dimensional drawing, side view

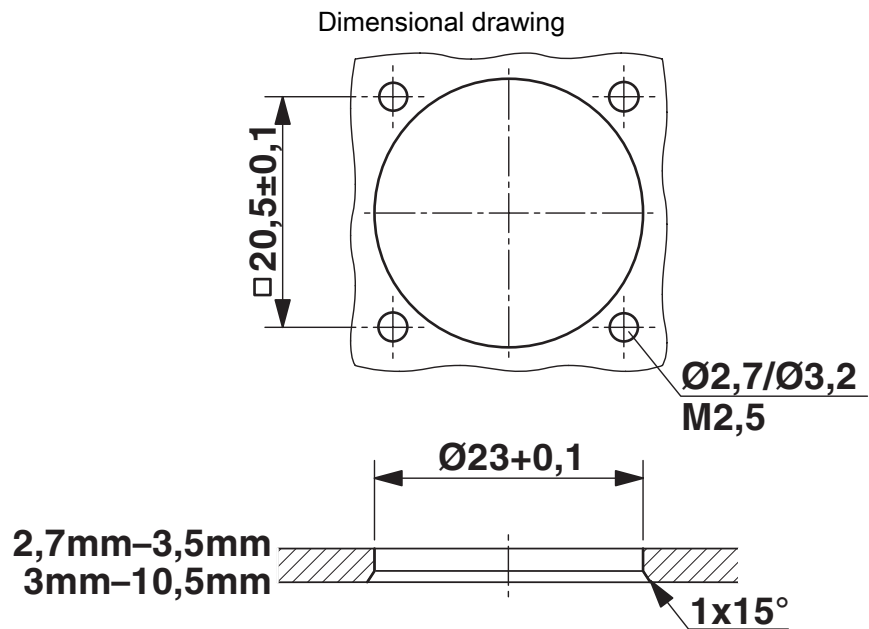
Schematic diagram



Connector pin assignment

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Installation dimensions

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## Accessories

### RC-Z2048 - Flat gasket

1604210

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

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



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