

# RC-06P1NC2WB00 - Device connector front mounting



1593554

<https://www.phoenixcontact.com/us/products/1593554>

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The figure shows the 12-pos.  
product version

M23, Device connector front 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, Axial O-ring, coding: N

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1593554                        |
| Packing unit                         | 20 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ABRAFL                         |
| GTIN                                 | 4046356196840                  |
| Weight per piece (including packing) | 40.395 g                       |
| Weight per piece (excluding packing) | 35.72 g                        |
| Country of origin                    | DE                             |

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## 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             | 100                                      |
| 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  |
| Contact diameter (Contact group 1)      | 2 mm                                     |
| Rated current Contact (Contact group 1) | 20 A (for max. connection cross section) |
| Rated voltage Contact (Contact group 1) | 48 V AC<br>74 V DC                       |
| Rated surge voltage                     | 1.5 kV                                   |
| Overvoltage category                    | III                                      |
| Degree of pollution                     | 3  |

#### Housing

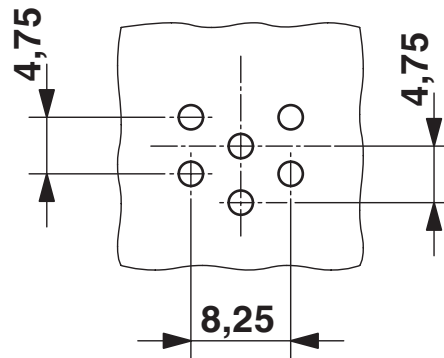
|                                   |  |
|-----------------------------------|--|
| Type                              | Flange housing                             |
| Thread type                       | M23  |
| Design                            | straight                                   |
| Type of locking                   | Screw locking mechanism                    |
| Pg screw connection               | none                                       |
| Mounting type                     | Front mounting/square flange (4x Ø 3.2 mm) |
| Material (Housing)                | Metal                                      |
| Degree of protection (plugged in) | IP67                                       |
| Seal for the device               | Axial O-ring                               |

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## Drawings

Drilling plan/solder pad geometry



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440109 |
| ECLASS-15.0 | 27440109 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003569 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## 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.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | fef4f644-5b51-4398-b664-00293d4846c8 |

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