

# RC-12S1NH24100 - Device connector rear mounting



1599393

<https://www.phoenixcontact.com/us/products/1599393>

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M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, Flat gasket, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1599393                        |
| Packing unit                         | 20 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ABRAFR                         |
| GTIN                                 | 4046356225748                  |
| Weight per piece (including packing) | 35.39 g                        |
| Weight per piece (excluding packing) | 32.001 g                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

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

### Material specifications

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### Connection data

#### Conductor connection

|                   |                      |
|-------------------|----------------------|
| Connection method | Solder-in connection |
|-------------------|----------------------|

### Connector

#### 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 M3) |
| Material (Housing)                | Metal                               |
| Degree of protection (plugged in) | IP67                                |
| Seal for the device               | Flat gasket                         |

### Environmental and real-life conditions

#### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

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## Drawings



Dimensional drawing



Installation dimensions

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | 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                                | d9f644a6-3eff-4bb6-852b-d28bf5f2799d |

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