

## Device connector, rear mounting - RC-09P1N324200 - 1624747

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Device connector for rear wall, straight, shielded: yes, Screw locking, M23, No. of pos.: 8+1, type of contact: Pin, Solder-in connection, Radial O-ring, 4x M2.5, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm

The figure shows the 12-pos. product version

**RoHS**

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 20 pc   |
| GTIN         | <br>4 046356 877626 |
| GTIN         | 4046356877626   |

### Technical data

#### Data of the insulating body

|  |                      |
|--|----------------------|
| Coding                                     | N                    |
| Insertion/withdrawal cycles mechanical     | 50                   |
| Contact connection method                  | Solder-in connection |
| Type of contacts                           | Pin                  |
| Application                                | Signal               |
| Number of positions                        | 9                    |
| Contact diameter of power contacts         | 2 mm                 |
| Nominal current per power contact at 25°C  | 20 A                 |
| Nominal voltage, power contact             | 300 V                |
| Rated surge voltage                        | 2.5 kV               |
| Overvoltage category                       | II                   |
| Degree of pollution                        | 3                    |
| Contact diameter of signal contacts        | 1 mm                 |
| Nominal current per signal contact at 25°C | 8 A                  |
| Nominal voltage, signal contact            | 300 V                |
| Overvoltage category                       | II                   |

# Device connector, rear mounting - RC-09P1N324200 - 1624747

## Technical data

### Data of the insulating body

|                     |   |
|---------------------|---|
| Degree of pollution | 3 |
|---------------------|---|

### Housing data

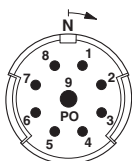
|  |               |
|--|---------------|
| Housing material                       | Metal         |
| Type of locking                        | Screw locking |
| Degree of protection (when plugged in) | IP67          |
| Thread type                            | M23           |

### Environmental Product Compliance

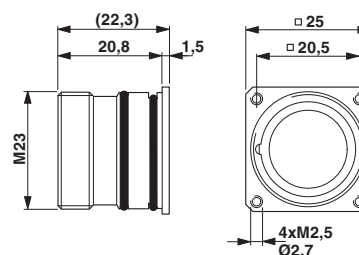
|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

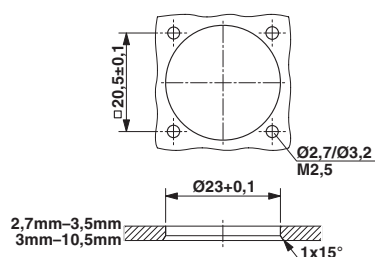
Schematic diagram



Dimensional drawing



Dimensional drawing



## Approvals

### Approvals

Approvals

EAC

Ex Approvals

## Device connector, rear mounting - RC-09P1N324200 - 1624747

### Approvals

---

#### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1624747