# RC-19P1NT2HS00 - Device connector rear mounting

1611464

https://www.phoenixcontact.com/us/products/1611464

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M23, Device connector rear mounting, application: Signal,  series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Radial O-ring,  coding: N

## Commercial data

| | |
|---|---|
| Item number | 1611464 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAFR |
| GTIN | 4046356266482 |
| Weight per piece (including packing) | 51.94 g |
| Weight per piece (excluding packing) | 51.94 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

## Technical data

### Product properties

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

### Material specifications

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

### Connector

Insulating body

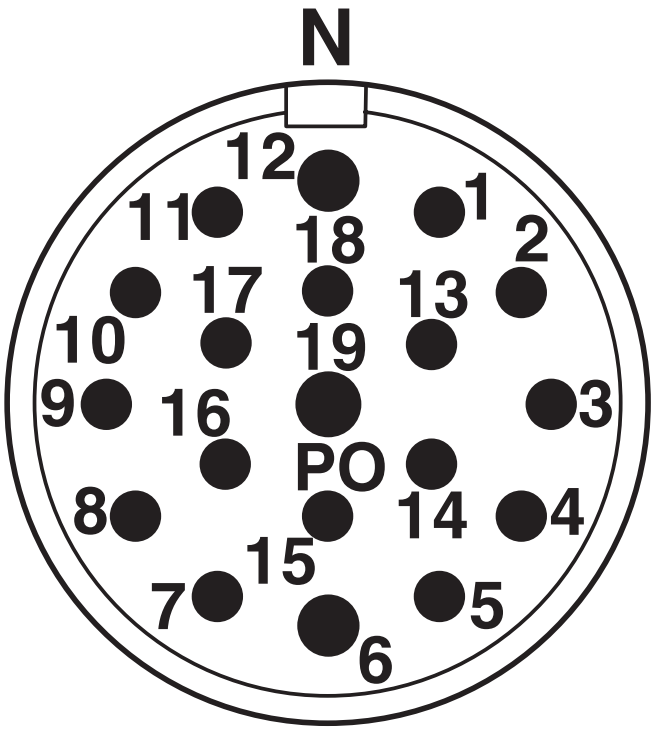
| | |
|---|---|
| Coding | N |
| Connection method | Solder-in connection |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 19 |
| Direction of rotation | Standard |
| Connection profile | 16+3 |
| Number (Contact group 1) | 3 |
| Contact diameter (Contact group 1) | 1.5 mm |
| Litz wires Min. cross section (Contact group 1) | 0.08 mm² |
| Litz wires Max. cross section (Contact group 1) | 1 mm² |
| Rated current Contact (Contact group 1) | 10 A (for max. connection cross section) |
| Rated voltage Contact (Contact group 1) | 48 V AC |
| | 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Number (Contact group 2) | 16 |
| Contact diameter (Contact group 2) | 1 mm |
| Litz wires Max. cross section (Contact group 2) | 1 mm² |
| Rated current Contact (Contact group 2) | 8 A |

Housing

| | |
|---|---|
| Type | Feed-through header |
| Thread type | M23 |
| Design | straight |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Mounting type | Rear mounting (M23) |
| Assembly note | Central fastening |
| Housing material | Metal |
| Degree of protection (plugged in) | IP67 |
| Seal for the device | Radial O-ring |

## Drawings

Schematic diagram




Connector pin assignment

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440116 |

### UNSPSC

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

## 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 | d32f9809-5cbd-4fc8-af14-b96cab019668 |


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