

RC-1RS1NRAW400 - Device connector front mounting



1603289

<https://www.phoenixcontact.com/us/products/1603289>

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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.: 16+2+FE, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, Axial O-ring, 4x Ø 2.7 mm, coding: N

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1603289 |
| Packing unit | 40 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFL |
| GTIN | 4046356244671 |
| Weight per piece (including packing) | 27.39 g |
| Weight per piece (excluding packing) | 27.39 g |
| Country of origin | DE |

Technical data

Notes

| | |
|--------------------|---|
| Order information: | Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately |
|--------------------|---|

Product properties

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

Connector

Insulating body

| | |
|---|--|
| Note | Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately |
| Coding | N |
| Material (Insulating body) | PA 6.6 |
| Connection method | Crimp connection |
| Contact switching type | Socket |
| Application | Signal |
| Number of positions | 19 |
| Direction of rotation | Standard |
| Connection profile | 16+2+FE |
| Number (Contact group 1) | 3 |
| Contact diameter (Contact group 1) | 1.5 mm |
| 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 | II |
| 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 mm ² |
| Rated current Contact (Contact group 2) | 8 A |
| Overvoltage category | II |
| Degree of pollution | 3 |

Housing

| | |
|-----------------------------------|----------------------------------|
| Order information: | Order contact inserts separately |
| Thread type | M23 |
| Design | straight |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Housing material | Metal |
| Degree of protection (plugged in) | IP67 |

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Seal for the device

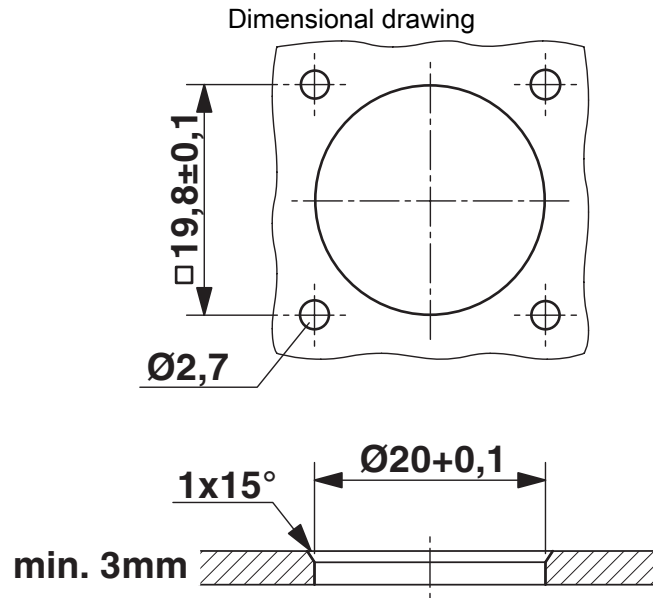
Axial O-ring

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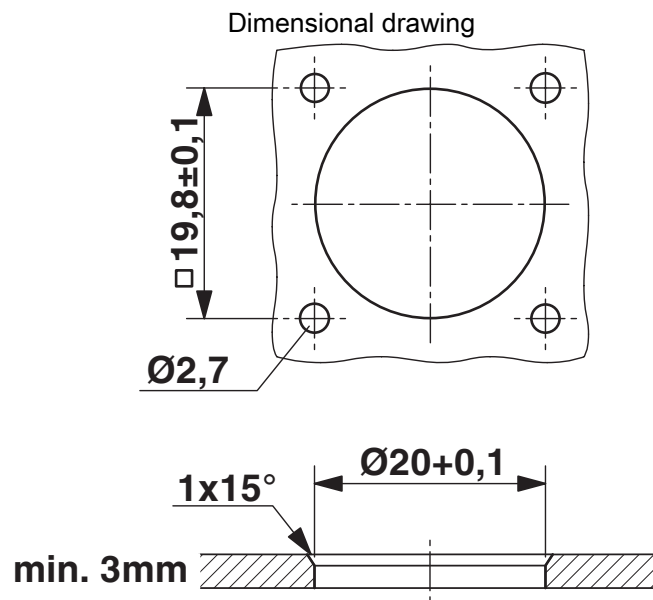
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Drawings

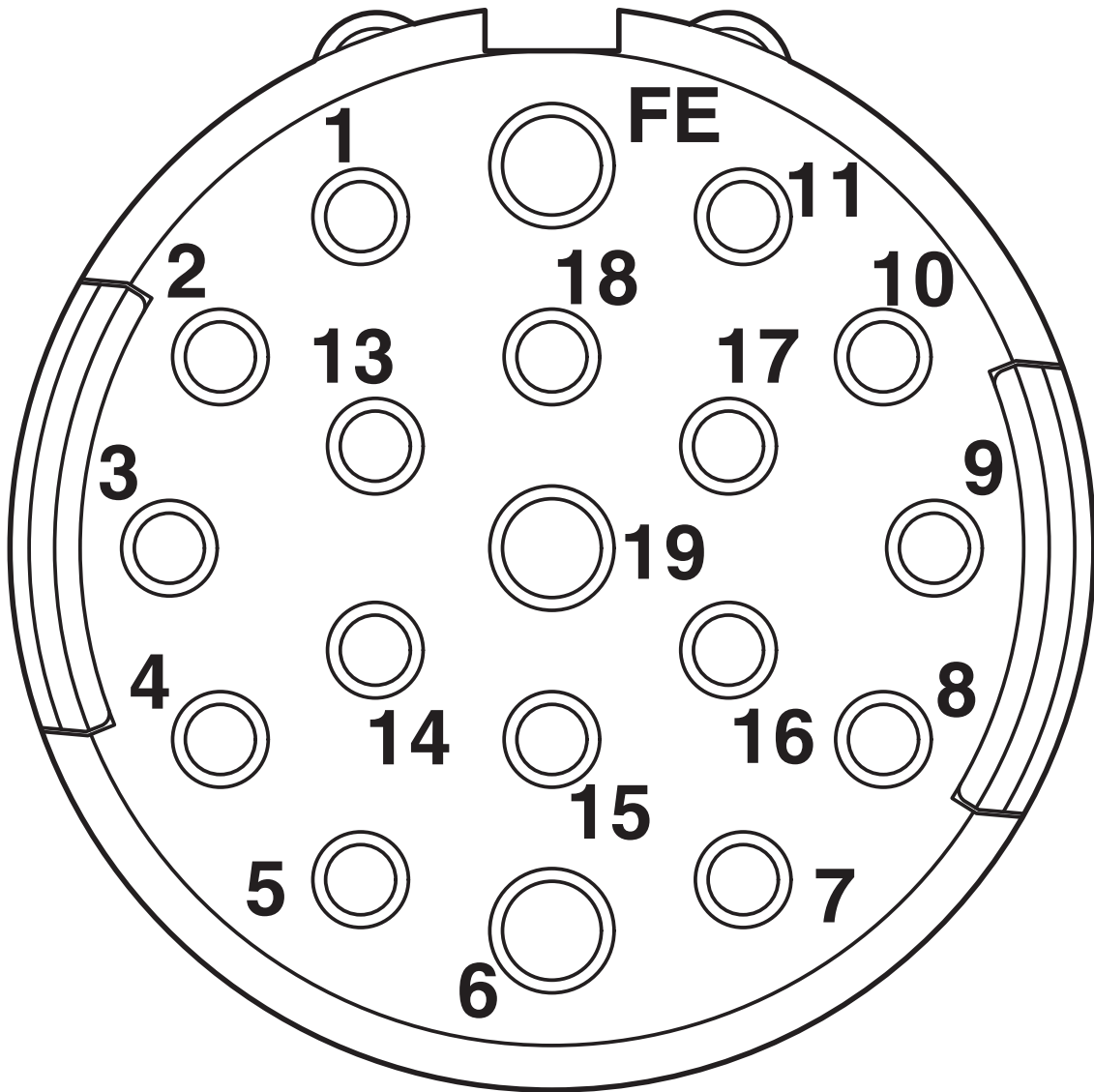


Installation dimensions



Installation dimensions

Schematic diagram



Connector pin assignment

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Classifications

UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 39121413 |
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Environmental product compliance

EU RoHS

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|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

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|--|---|
| 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

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|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
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