

RC-1RP1NRA0000 - Contact insert



1603066

<https://www.phoenixcontact.com/us/products/1603066>

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 documentation. Our general terms of use for downloads are valid.



Contact insert, M23, number of positions: 16+2+FE, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC

The figure shows the 12-pos. product version

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1603066 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAFT |
| GTIN | 4046356243209 |
| Weight per piece (including packing) | 2.621 g |
| Weight per piece (excluding packing) | 2.48 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

RC-1RP1NRA0000 - Contact insert



1603066

<https://www.phoenixcontact.com/us/products/1603066>

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 | Contact insert |
| Series | NC |
| | RC |
| | RM |
| | TU |
| | UC |
| Application | Signal |
| Number of positions | 19 |
| Connection profile | 16+2+FE |
| Coding | N |
| Thread type | M23 |

Electrical properties

Contact: Contact group 1

| | |
|-----------------------|--|
| Contact diameter | 1.5 mm |
| Nominal current I_N | 10 A (for max. connection cross section) |
| Nominal voltage U_N | 48 V AC |
| | 74 V DC |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Rated surge voltage | 1.5 kV |

Contact: Contact group 2

| | |
|-----------------------|---------|
| Contact diameter | 1 mm |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 48 V AC |
| | 74 V DC |

Connection data

| | |
|-------------------|------------------|
| Connection method | Crimp connection |
|-------------------|------------------|

Material specifications

| | |
|--------------------------|--------|
| Material Insulating body | PA 6.6 |
|--------------------------|--------|

Connector

| | |
|-----------------------|----------|
| Direction of rotation | Standard |
|-----------------------|----------|

RC-1RP1NRA0000 - Contact insert

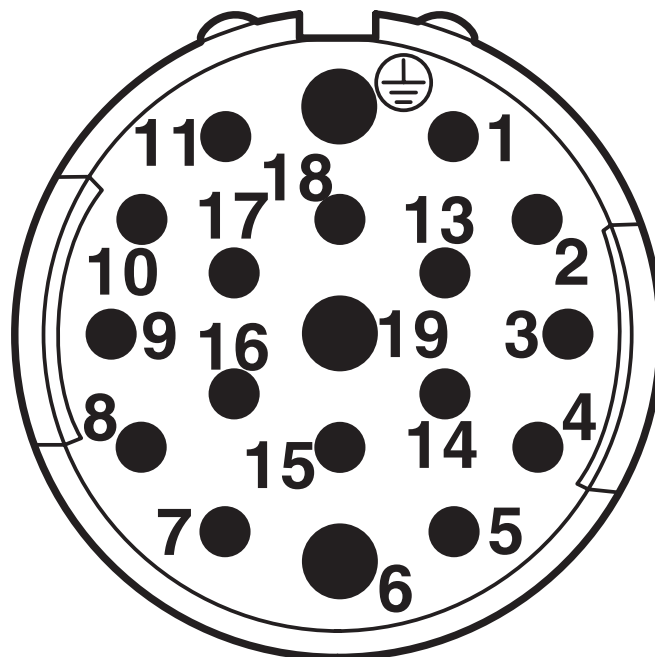


1603066

<https://www.phoenixcontact.com/us/products/1603066>

Drawings

Schematic diagram



Connector pin assignment

RC-1RP1NRA0000 - Contact insert



1603066

<https://www.phoenixcontact.com/us/products/1603066>

Classifications

ECLASS

ECLASS-13.0

27440223

UNSPSC

UNSPSC 21.0

39121522

RC-1RP1NRA0000 - Contact insert



1603066

<https://www.phoenixcontact.com/us/products/1603066>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com