

# RC-17S1N8A0000 - Contact insert

1602082

<https://www.phoenixcontact.com/us/products/1602082>



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Contact insert, M23, number of positions: 17, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC

The figure shows the 12-pos. product version

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1602082       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB31          |
| Product key                          | ABRAFT        |
| GTIN                                 | 4046356238076 |
| Weight per piece (including packing) | 2.59 g        |
| Weight per piece (excluding packing) | 2.38 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                    |                                        |
|--------------------|----------------------------------------|
| Order information: | Order crimp contacts Ø 1 mm separately |
|--------------------|----------------------------------------|

### Product properties

|                         |                |
|-------------------------|----------------|
| Product type            | Contact insert |
| Series                  | NC             |
|                         | RC             |
|                         | RM             |
|                         | TU             |
|                         | UC             |
| Application             | Signal         |
| Number of positions     | 17             |
| Connection profile      | 17             |
| No. of control contacts | 17             |
| Coding                  | N              |
| Thread type             | M23            |

### Electrical properties

Contact: Contact group 1

|                       |                                         |
|-----------------------|-----------------------------------------|
| Contact diameter      | 1 mm                                    |
| Nominal current $I_N$ | 8 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                                  |

### Connection data

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

### Material specifications

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

### Connector

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

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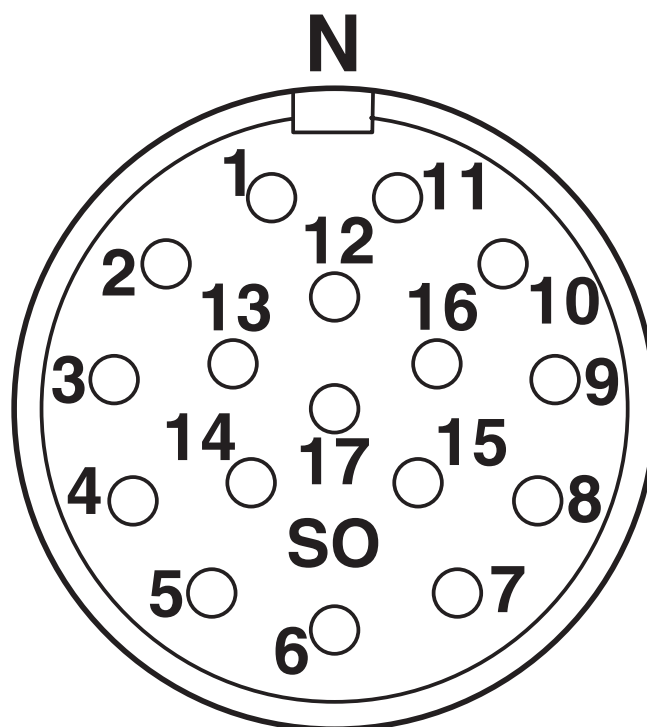
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## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440223 |
| ECLASS-15.0 | 27440223 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003557 |
|-----------|----------|

### UNSPSC

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

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## 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% |
|-------------------------------------|----------------------------|

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