

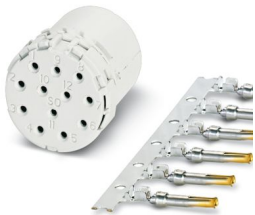
RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

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: 12, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1600234 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAFU |
| GTIN | 4046356229227 |
| Weight per piece (including packing) | 9.7 g |
| Weight per piece (excluding packing) | 4.98 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

Technical data

Product properties

| | |
|-------------------------|----------------|
| Product type | Contact insert |
| Series | NC |
| | RC |
| | RM |
| | TU |
| | UC |
| Application | Signal |
| Number of positions | 12 |
| Connection profile | 12 |
| No. of control contacts | 12 |
| Coding | N |
| Thread type | M23 |

Electrical properties

Contact: Contact group 1

| | |
|--------------------------------|---|
| Contact diameter | 1 mm |
| Min. cross section | 0.22 mm ² |
| Max. cross section | 0.56 mm ² |
| 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 |
| Material Contact | CuZn |
| Material Contact surface | Ni/Au |

Connector

| | |
|-----------------------|-------------------|
| Direction of rotation | Counter direction |
|-----------------------|-------------------|

Mechanical properties

Mechanical data

| | |
|-----------------------------|----|
| Insertion/withdrawal cycles | 50 |
|-----------------------------|----|

RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

Environmental and real-life conditions

Ambient conditions

| |
|--|
| Permissible humidity (storage/transport) |
|--|

| |
|---------------|
| 50 % ... 65 % |
|---------------|

RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

Drawings

Schematic diagram



Connector pin assignment

RC-12S2N8E0000 - Contact insert

1600234

<https://www.phoenixcontact.com/us/products/1600234>



Schematic diagram



Connector pin assignment

RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

RC-12S2N8E0000 - Contact insert



1600234

<https://www.phoenixcontact.com/us/products/1600234>

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