

RC-09P1N12T049 - Cable connector

1595283

<https://www.phoenixcontact.com/us/products/1595283>



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M23, Cable connector, series: RC, angled, shielded: yes, Screw locking mechanism, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 6.5 mm ... 7.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240590



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1595283 |
| Packing unit | 8 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAFC |
| GTIN | 4046356377959 |
| Weight per piece (including packing) | 169.46 g |
| Weight per piece (excluding packing) | 169.46 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|---------------------------------|
| Product type | Circular connector (cable-side) |
|--------------|---------------------------------|

Connector

Insulating body

| | |
|---|----------------------|
| Coding | N |
| Insertion/withdrawal cycles | 50 |
| Connection method | Solder cup |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 9 |
| Direction of rotation | Standard |
| Connection profile | 8+1 |
| Contact diameter Power contacts | 2 mm |
| Litz wire cross-section Power contacts min. | 0.08 mm ² |
| Litz wire cross-section Power contacts max. | 2.5 mm ² |
| Rated current Power contacts | 20 A |
| Rated voltage | 48 V AC |
| | 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overtoltage category | III |
| Degree of pollution | 3 |
| Contact diameter Signal contacts | 1 mm |
| Litz wire cross-section Signal contacts min. | 0.08 mm ² |
| Litz wire cross-section Signal contacts max. | 1 mm ² |
| Nominal current per signal contact | 8 A |

Housing

| | |
|-----------------------------------|-------------------------|
| Housing material | Metal |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Degree of protection (plugged in) | IP67 |
| Thread type | M23 |

Seal

| | |
|-------------------------|-------------------|
| External cable diameter | 6.5 mm ... 7.5 mm |
|-------------------------|-------------------|

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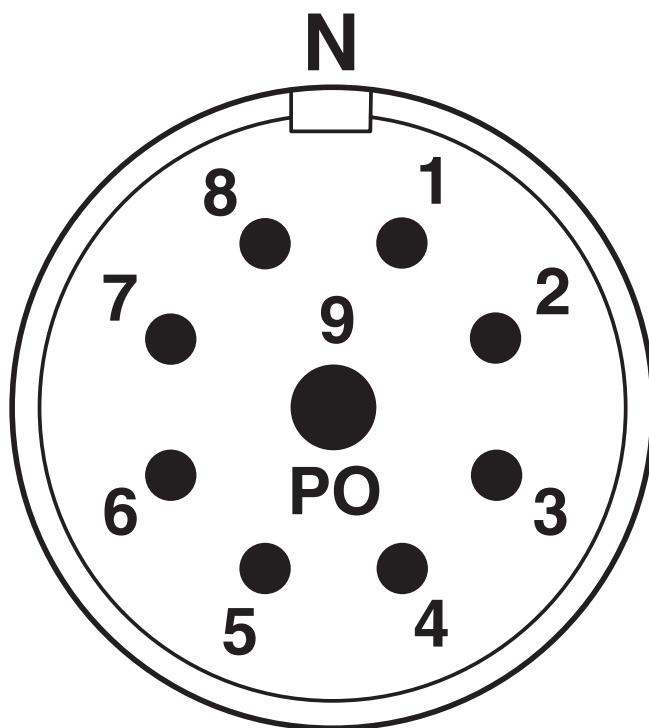
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440116 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002635 |
|----------|----------|

UNSPSC

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

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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 | eaae8230-6edd-43f7-bd2f-8b25449c3fb3 |

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