

RC-1RP1NRM0000 - Contact insert



1603144

<https://www.phoenixcontact.com/us/products/1603144>

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

The figure shows the 6-pos. product version

Commercial data

Item number	1603144
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFT
GTIN	4046356243766
Weight per piece (including packing)	18.8 g
Weight per piece (excluding packing)	18.2 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Product properties

Product type	Contact insert
Series	NC
	RC
	RM
	TU
	UC
Application	Signal
Number of positions	19
Connection profile	16+2+PE
Coding	N

Electrical properties

Contact: Contact group 1

Contact diameter	1.5 mm
Min. cross section	0.75 mm ²
Max. cross section	1 mm ²
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
Min. cross section	0.25 mm ²
Max. cross section	0.5 mm ²
Nominal current I _N	8 A
Nominal voltage U _N	48 V AC
	74 V DC

Connection data

Connection method	Crimp connection
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Material specifications

Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Ni/Au

Connector

Direction of rotation	Standard
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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Drawings

Schematic diagram



Connector pin assignment

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Schematic diagram



Dimensional drawing

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Classifications

ECLASS

ECLASS-13.0	27440223
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UNSPSC

UNSPSC 21.0	39121522
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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)
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