

RC-09P1N8L0000 - Contact insert



1607001

<https://www.phoenixcontact.com/us/products/1607001>

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Contact insert, M23, number of positions: 8+1, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242202

The figure shows the 6-pos.
product version

Commercial data

Item number	1607001
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFU
GTIN	4046356207164
Weight per piece (including packing)	11.6 g
Weight per piece (excluding packing)	11.6 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	9
Connection profile	8+1
Coding	N
Thread type	M23

Electrical properties

Contact: Contact group 1

Contact diameter	2 mm
Min. cross section	1 mm ²
Max. cross section	1.5 mm ²
Nominal current I _N	20 A
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	0.14 mm ²
Max. cross section	0.56 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

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Direction of rotation	Standard
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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Environmental and real-life conditions

Ambient conditions

Permissible humidity (storage/transport)	50 % ... 65 %
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Drawings

Schematic diagram



Connector pin assignment

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Schematic diagram



Connector pin assignment

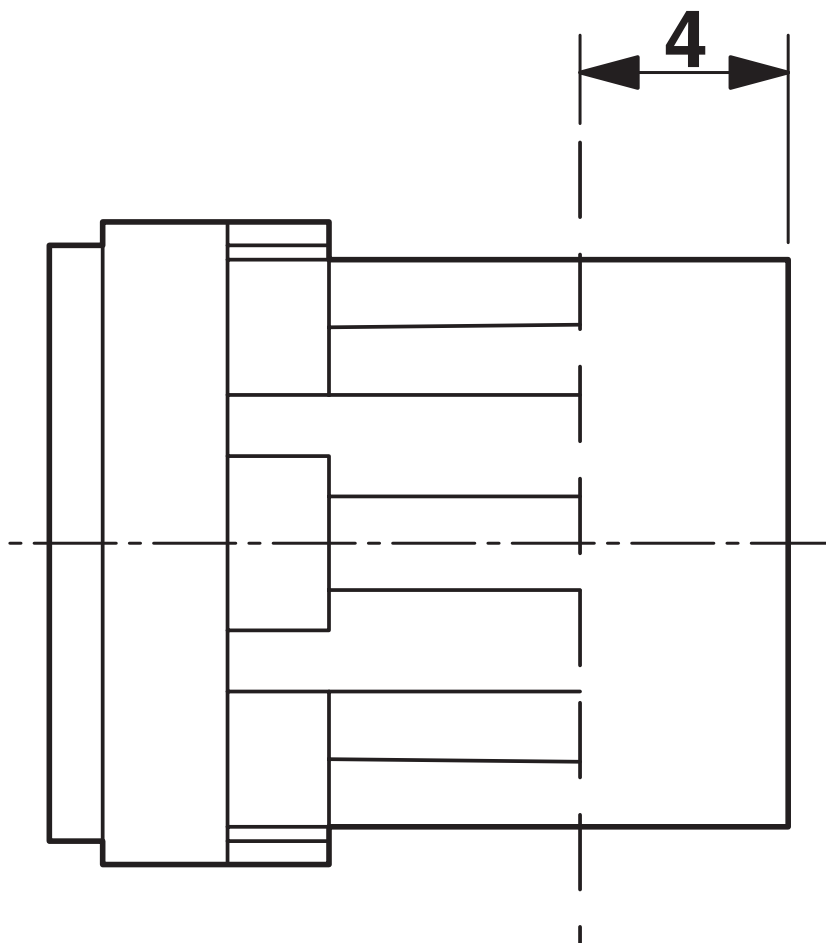
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Schematic diagram



Dimensional drawing

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Classifications

ETIM

ETIM 9.0	EC003557
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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	d8de2091-ed75-4b6c-964c-d887967c57ef

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