

# RC-07P1N8K0000 - Contact insert



1606997

<https://www.phoenixcontact.com/pc/products/1606997>

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Contact insert, number of positions: 7, type of contact: Pin, Crimp connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242198

## Commercial Data

Item number	1606997
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to Order (non-returnable)
Product Key	ABRADN
GTIN	4046356201780
Weight per Piece (including packing)	10.9 g
Weight per Piece (excluding packing)	4.75 g
Customs tariff number	85389099
Country of origin	DE

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## Technical Data

### Product properties

Product type	Contact insert
Number of positions	7
Connection profile	7
Application	Signal
Series	NC RC RM TU UC
Coding	N

### Electrical properties

#### Contact

Contact diameter	2 mm
Min. cross section	1 mm <sup>2</sup>
Max. cross section	1.5 mm <sup>2</sup>
Max. current	20 A
Nominal voltage U <sub>N</sub>	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Material specifications

Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

### Connector

Direction of rotation	Standard
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### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	50
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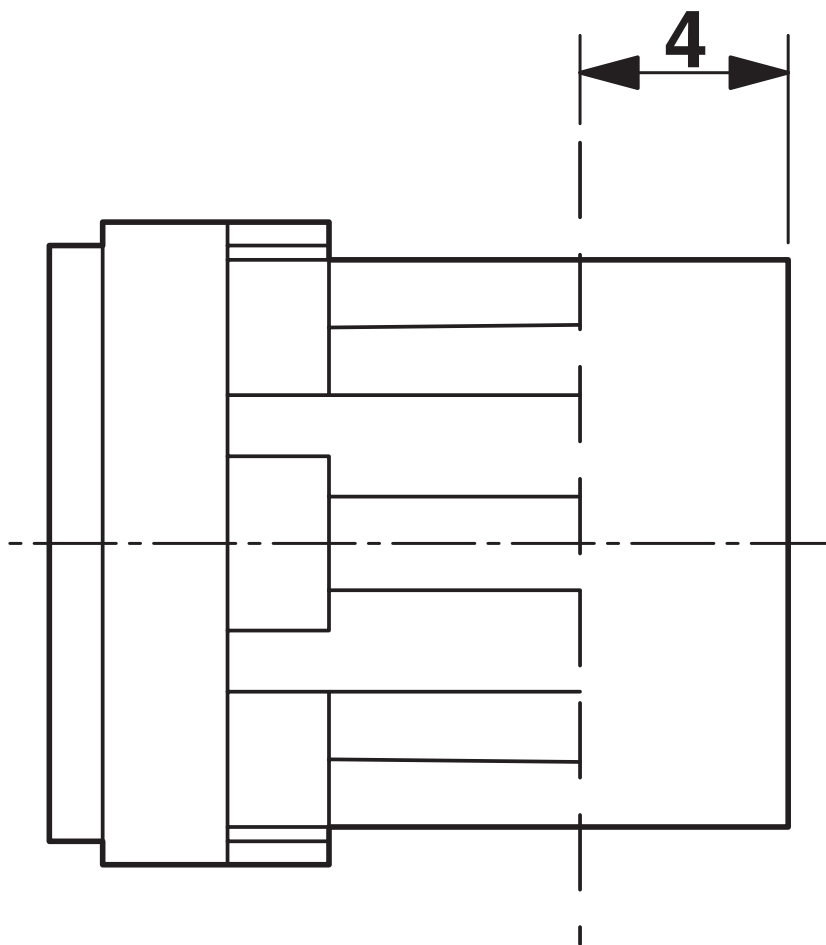


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## Drawings

Schematic diagram



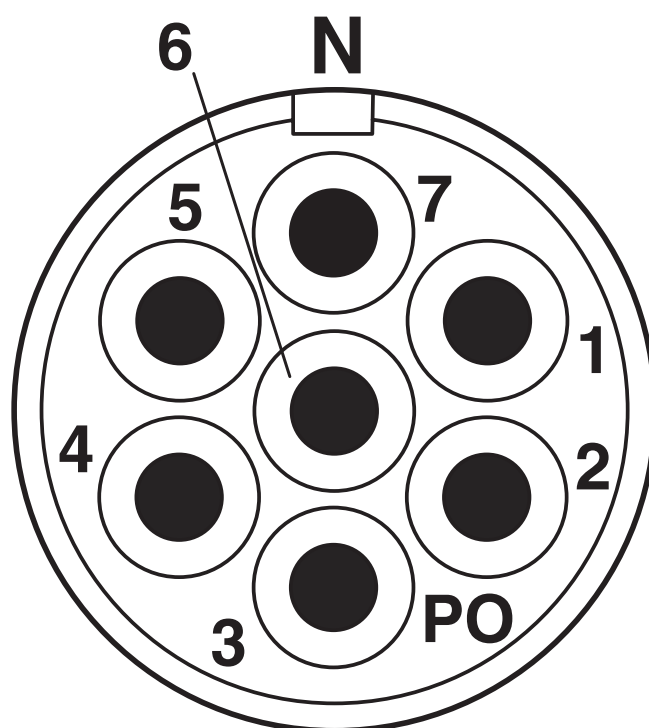
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Schematic diagram



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## Classifications

### ECLASS

ECLASS-9.0	27440205
ECLASS-10.0.1	27440205
ECLASS-11.0	27440223

### ETIM

ETIM 8.0	EC003557
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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