

# RC-09S2N8C0000 - Contact insert



1596724

<https://www.phoenixcontact.com/us/products/1596724>

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Contact insert, M23, number of positions: 8+1, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC

## Commercial data

Item number	1596724
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABRAFU
GTIN	4046356212366
Weight per piece (including packing)	4.58 g
Weight per piece (excluding packing)	4.58 g
Customs tariff number	85472000
Country of origin	DE

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## Set consists of

### RC-09S2N8A0000 - Contact insert

1596706

<https://www.phoenixcontact.com/us/products/1596706>



Contact insert, M23, number of positions: 8+1, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC

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### RC-5AS2000 - Crimp contact

1603509

<https://www.phoenixcontact.com/us/products/1603509>



Crimp contact, Socket, turned, contact diameter: 2 mm, connection cross section: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, contact material: CuZn, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241635

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## RC-12S2000 - Crimp contact

1599600

<https://www.phoenixcontact.com/us/products/1599600>



Crimp contact, Socket, turned, contact diameter: 1 mm, connection cross section: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, contact material: CuZn, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241093

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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	1.5 mm <sup>2</sup>
Max. cross section	2.5 mm <sup>2</sup>
Nominal current I <sub>N</sub>	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

#### Contact: Contact group 2

Contact diameter	1 mm
Min. cross section	0.14 mm <sup>2</sup>
Max. cross section	0.56 mm <sup>2</sup>
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	48 V AC
	74 V DC

### Connection data

Connection method	Crimp connection
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### Material specifications

Material Insulating body	PA 6.6
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### Connector

Direction of rotation	Counter direction
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# RC-09S2N8C0000 - Contact insert

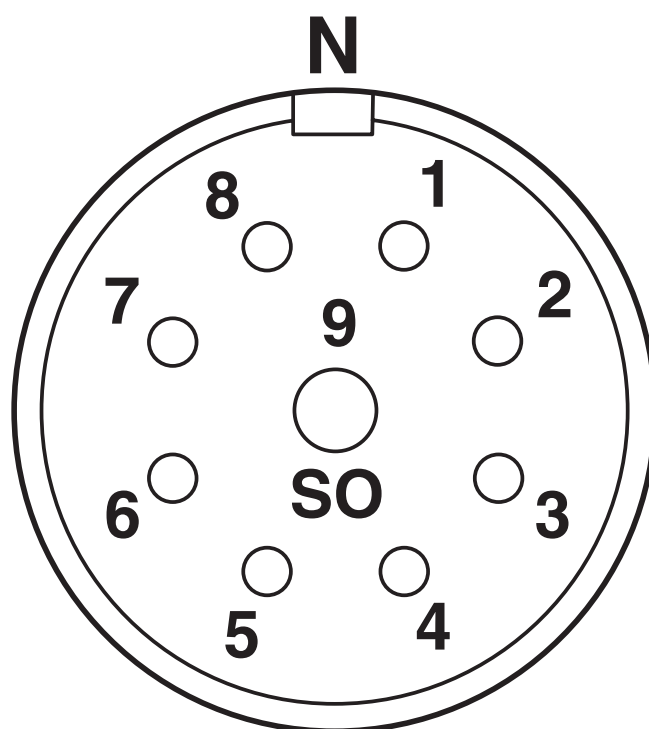
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## Drawings

Schematic diagram



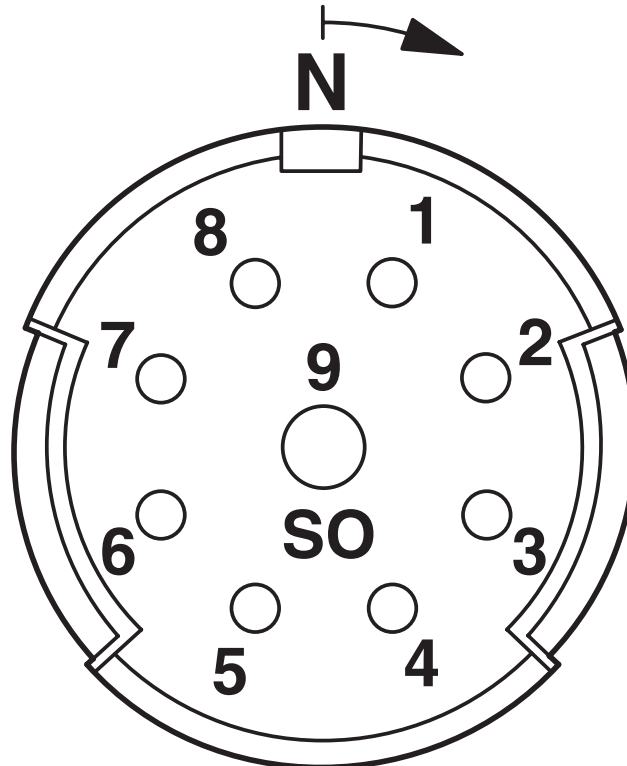
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Schematic diagram



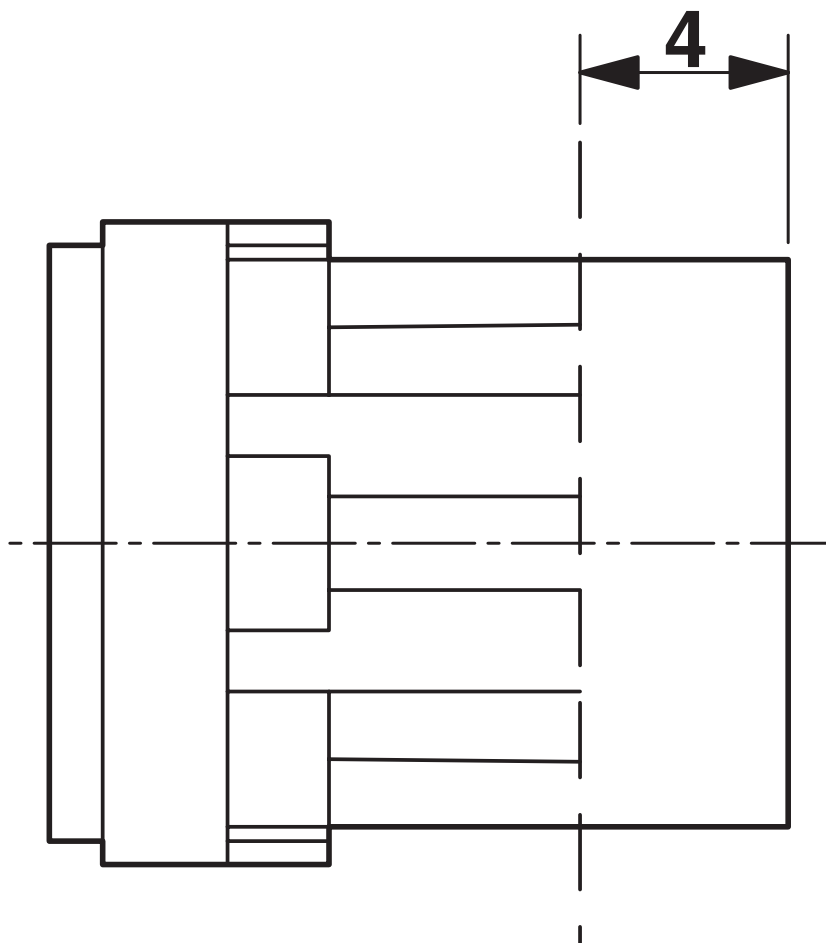
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Schematic diagram



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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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