

# RC-09S1Y120000 - Contact insert



1596521

<https://www.phoenixcontact.com/us/products/1596521>

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Contact insert, M23, number of positions: 8+1, contact connection type: Socket, Solder connection, series: NC, RC, RM, TU, UC, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240712

## Commercial data

Item number	1596521
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Product key	ABRAFU
GTIN	4046356890731
Weight per piece (including packing)	7.1 g
Weight per piece (excluding packing)	4.83 g
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	Y
Thread type	M23

### Electrical properties

#### Contact: Contact group 1

Contact diameter	2 mm
Min. cross section	0.08 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	0.08 mm <sup>2</sup>
Max. cross section	1 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	Solder connection
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### Connector

Direction of rotation	Standard
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## Classifications

### 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	6d3a596a-a321-46e8-b816-8cfe67e8b999

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