

RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

The figure shows the 6-pos. product version

Commercial data

Item number	1595533
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABRAFU
GTIN	4046356207294
Weight per piece (including packing)	17.804 g
Weight per piece (excluding packing)	17.804 g
Customs tariff number	85389099
Country of origin	DE

RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

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	0.08 mm ²
Max. cross section	1 mm ²
Nominal current I _N	20 A
Nominal voltage U _N	48 V AC
	74 V DC
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	2.5 kV

Contact: Contact group 2

Contact diameter	1 mm
Min. cross section	0.08 mm ²
Max. cross section	0.75 mm ²
Nominal current I _N	8 A
Nominal voltage U _N	48 V AC
	74 V DC

Connection data

Connection method	Screw connection
-------------------	------------------

Material specifications

Material Insulating body	PBT
Material Contact	Cu/Zn
Material Contact surface	Ni/Au

Connector

RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

Direction of rotation	Standard
-----------------------	----------

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
-----------------------------	----

RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

Drawings

Schematic diagram



RC-09P1NS20000 - Contact insert

1595533

<https://www.phoenixcontact.com/us/products/1595533>



Schematic diagram



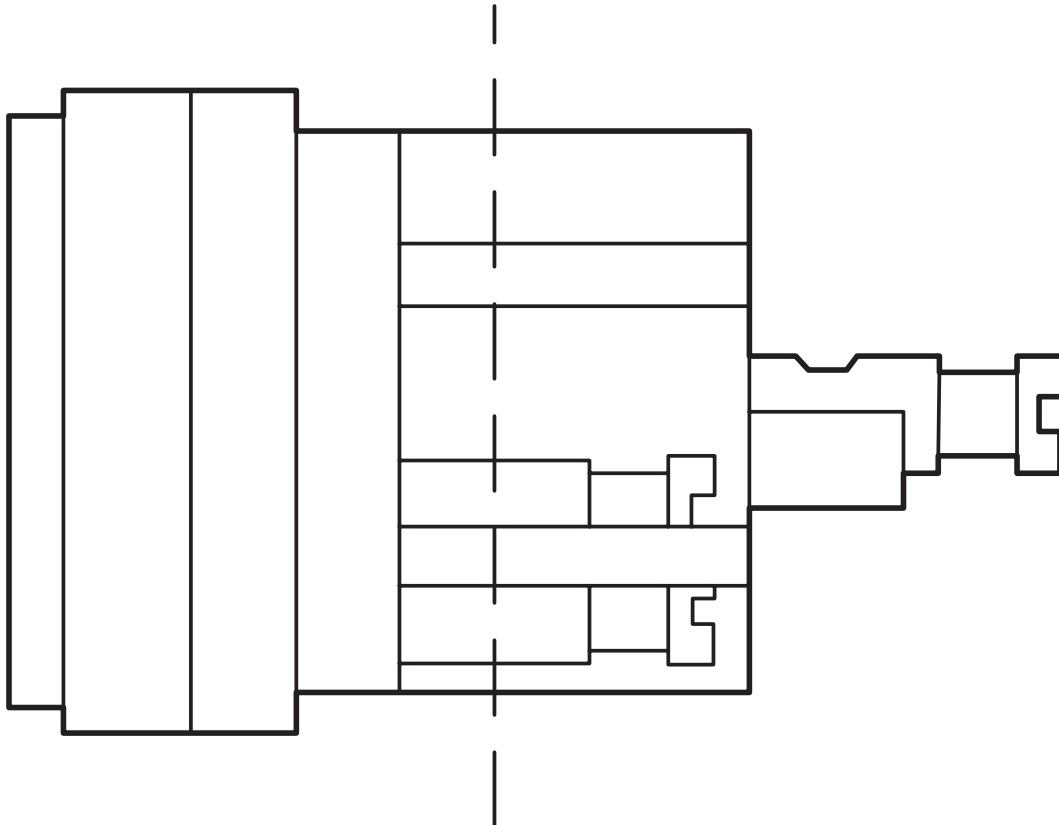
RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

Schematic diagram



RC-09P1NS20000 - Contact insert



1595533

<https://www.phoenixcontact.com/us/products/1595533>

Environmental product compliance

EU REACH SVHC

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

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com