

# RC-06P1N8A0000 - Contact insert



1593412

<https://www.phoenixcontact.com/us/products/1593412>

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: 6, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC

## Commercial data

Item number	1593412
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFT
GTIN	4046356196017
Weight per piece (including packing)	2.1 g
Weight per piece (excluding packing)	1.61 g
Customs tariff number	85389099
Country of origin	DE

# RC-06P1N8A0000 - Contact insert



1593412

<https://www.phoenixcontact.com/us/products/1593412>

## Technical data

### Notes

Order information:	Order crimp contacts Ø 2 mm separately
--------------------	--

### Product properties

Product type	Contact insert
Series	NC
	RC
	RM
	TU
	UC
Application	Signal
Number of positions	6
Connection profile	6
Coding	N
Thread type	M23

### Electrical properties

Contact: Contact group 1

Contact diameter	2 mm
Nominal current $I_N$	20 A (for max. connection cross section)
Nominal voltage $U_N$	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Connection data

Connection method	Crimp connection
-------------------	------------------

### Material specifications

Material Insulating body	PA 6.6
Flammability rating according to UL 94	V0

### Connector

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

### Environmental and real-life conditions

Ambient conditions

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

# RC-06P1N8A0000 - Contact insert

1593412

<https://www.phoenixcontact.com/us/products/1593412>

## Drawings

Schematic diagram



Connector pin assignment

# RC-06P1N8A0000 - Contact insert



1593412

<https://www.phoenixcontact.com/us/products/1593412>

## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

ETIM 10.0	EC003557
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# RC-06P1N8A0000 - Contact insert



1593412

<https://www.phoenixcontact.com/us/products/1593412>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### 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](mailto:info@phoenixcon.com)