

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

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: Socket, Solder cup, series: NC, RC, RM, TU, UC, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1240393
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABRAFU
GTIN	4063151425951
Weight per piece (including packing)	7.29 g
Weight per piece (excluding packing)	4.83 g
Customs tariff number	85366990
Country of origin	DE

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

## Technical data

### 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
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 (for max. connection cross section)
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

### Connection data

Connection method	Solder cup
-------------------	------------

### Connector

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

### Mechanical properties

Mechanical data

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

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

## Drawings

Schematic diagram



Connector pin assignment

# RC-06S1N120000X - Contact insert

1240393

<https://www.phoenixcontact.com/pc/products/1240393>



Schematic diagram



Dimensional drawing

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1240393>



**EAC**

Approval ID: 19060508

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

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

# RC-06S1N120000X - Contact insert



1240393

<https://www.phoenixcontact.com/pc/products/1240393>

## 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 GmbH & Co. KG  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)