

RC-07P1N8B0000 - Contact insert

1594497

<https://www.phoenixcontact.com/us/products/1594497>



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: 7, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240506

Commercial data

Item number	1594497
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFU
GTIN	4046356201766
Weight per piece (including packing)	10.8 g
Weight per piece (excluding packing)	10.8 g
Customs tariff number	85366990
Country of origin	DE

RC-07P1N8B0000 - Contact insert



1594497

<https://www.phoenixcontact.com/us/products/1594497>

Technical data

Product properties

Product type	Contact insert
Series	NC
	RC
	RM
	TU
	UC
Application	Signal
Number of positions	7
Connection profile	7
Coding	N
Thread type	M23

Electrical properties

Contact

Contact diameter	2 mm
Min. cross section	1.5 mm ²
Max. cross section	2.5 mm ²
Max. current	20 A
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

Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

Connector

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

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

RC-07P1N8B0000 - Contact insert



1594497

<https://www.phoenixcontact.com/us/products/1594497>

Ambient conditions

Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

RC-07P1N8B0000 - Contact insert

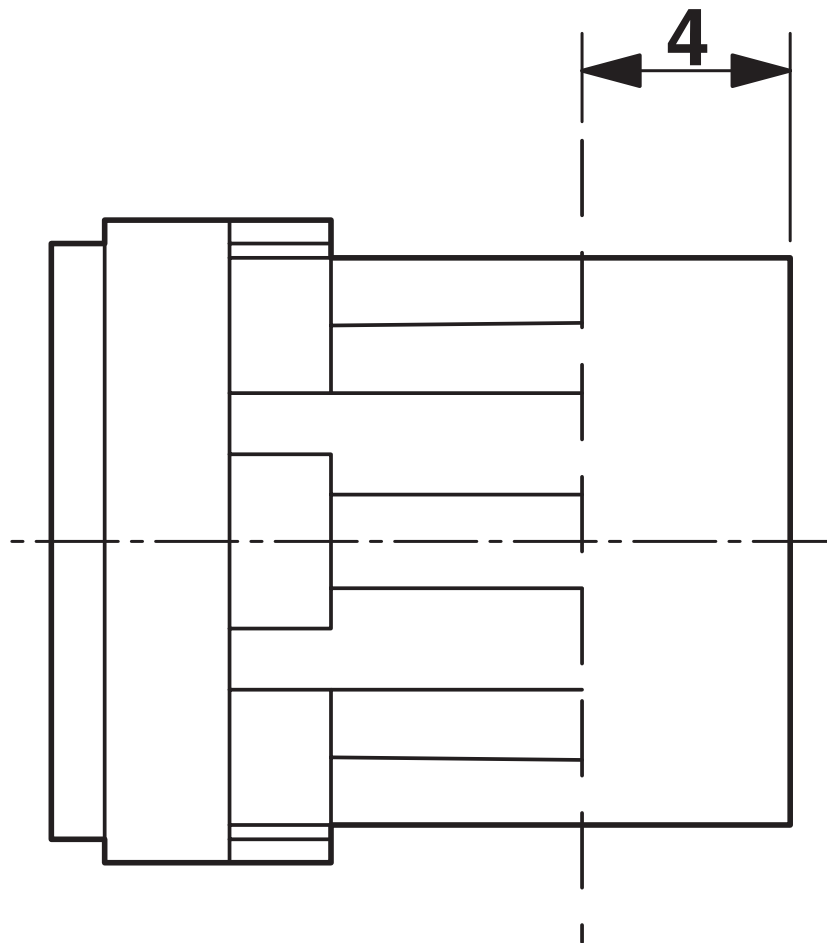


1594497

<https://www.phoenixcontact.com/us/products/1594497>

Drawings

Schematic diagram



Dimensional drawing

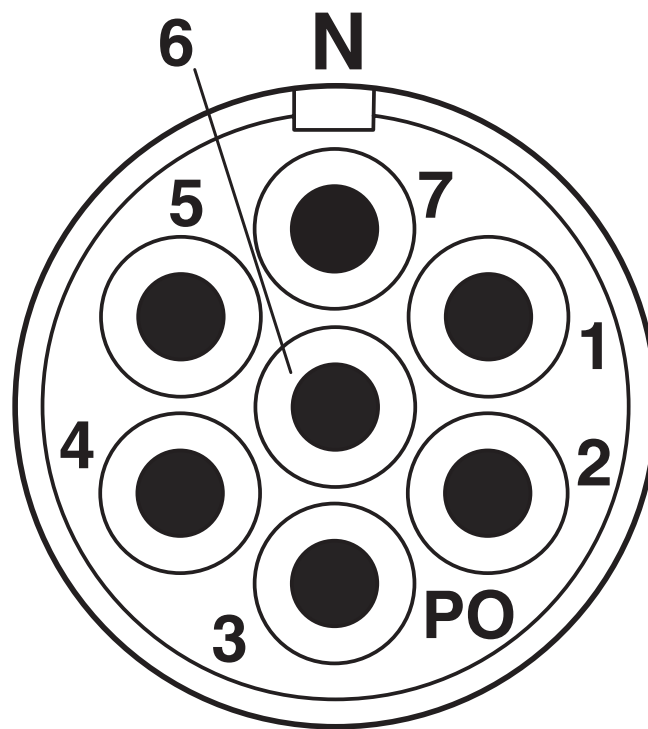
RC-07P1N8B0000 - Contact insert

1594497

<https://www.phoenixcontact.com/us/products/1594497>



Schematic diagram



Connector pin assignment

RC-07P1N8B0000 - Contact insert



1594497

<https://www.phoenixcontact.com/us/products/1594497>

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 8.0	EC003557
----------	----------

UNSPSC

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

RC-07P1N8B0000 - Contact insert



1594497

<https://www.phoenixcontact.com/us/products/1594497>

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	d16b2cbb-36e0-4774-a2df-38758e5e1dda

Phoenix Contact 2024 © - 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