

RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

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: Socket, Crimp connection, 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	1242199
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	ABRAFU
GTIN	4063151398514
Weight per piece (including packing)	12.5 g
Weight per piece (excluding packing)	6.259 g
Country of origin	DE

RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

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 group 1

Contact diameter	2 mm
Min. cross section	1 mm ²
Max. cross section	1.5 mm ²
Nominal current I _N	12 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
-------------------	------------------

Connector

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

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

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

RC-07S1N8K0000X - Contact insert

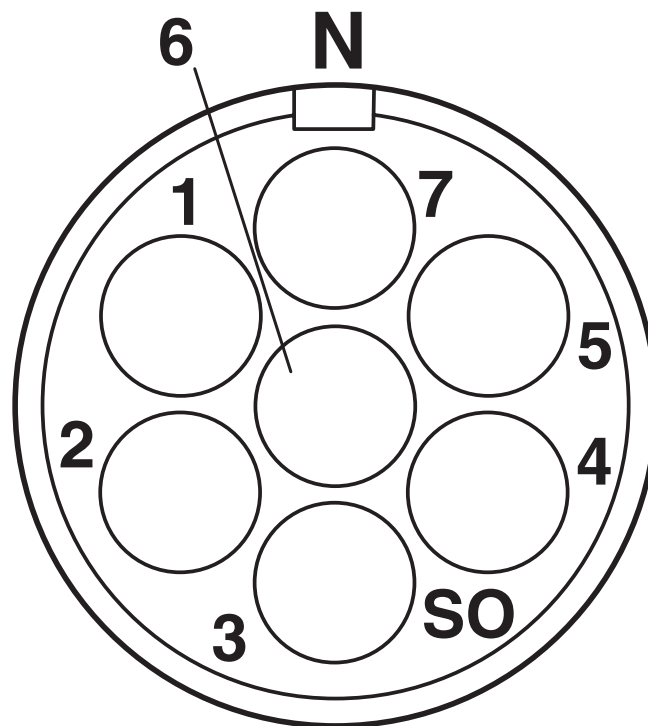
1242199

<https://www.phoenixcontact.com/us/products/1242199>



Drawings

Schematic diagram



Connector pin assignment

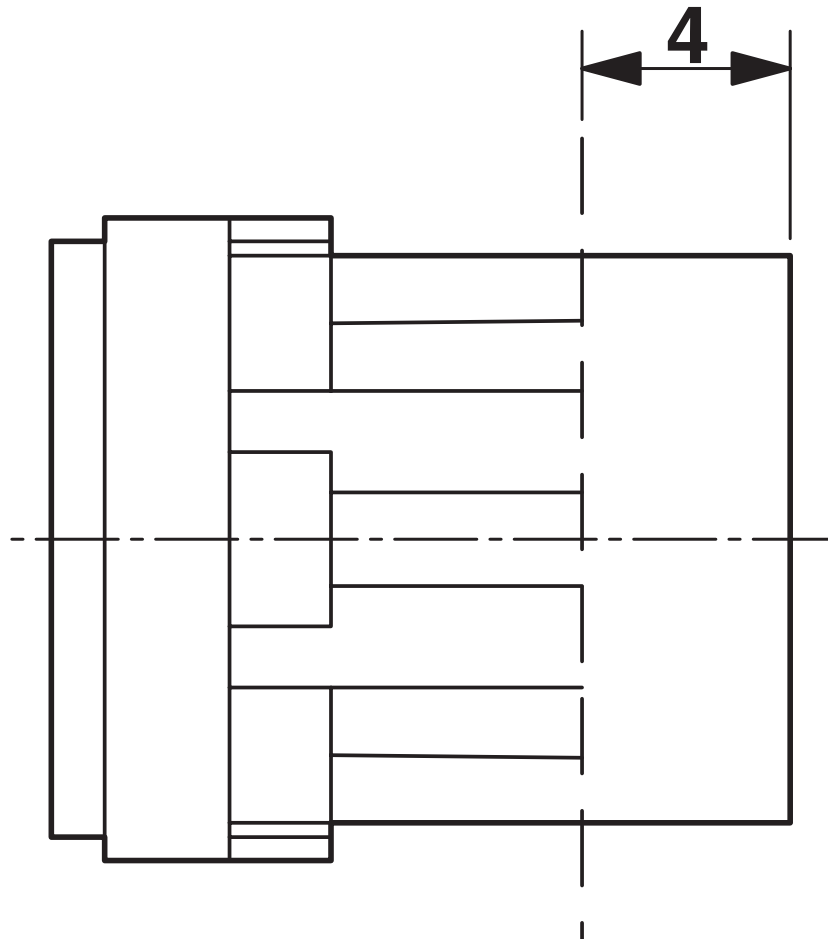
RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

Schematic diagram



Dimensional drawing

RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1242199>



EAC

Approval ID: 19060508

RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

Classifications

ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

ETIM

ETIM 9.0	EC003557
----------	----------

RC-07S1N8K0000X - Contact insert



1242199

<https://www.phoenixcontact.com/us/products/1242199>

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 2025 © - 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