

# RC-07P1N8A0000 - Contact insert



1594435

<https://www.phoenixcontact.com/us/products/1594435>

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Contact insert, M23, number of positions: 7, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC

## Commercial data

Item number	1594435
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFT
GTIN	4046356201339
Weight per piece (including packing)	1.83 g
Weight per piece (excluding packing)	1.6 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Notes

Order information:	Order crimp contacts Ø 2 mm separately
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### 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
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
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### Material specifications

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

### Connector

Direction of rotation	Standard
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### Environmental and real-life conditions

Ambient conditions

Permissible humidity (storage/transport)	50 % ... 65 %
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## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

ETIM 10.0	EC003557
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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