

# RC-17P1N8A0000 - Contact insert



1601451

<https://www.phoenixcontact.com/us/products/1601451>

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Contact insert, M23, number of positions: 17, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC

The figure shows the 12-pos. product version

## Commercial data

Item number	1601451
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFT
GTIN	4046356234818
Weight per piece (including packing)	1.556 g
Weight per piece (excluding packing)	1.306 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Notes

Order information:	Order crimp contacts Ø 1 mm separately
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### Product properties

Product type	Contact insert
Series	NC
	RC
	RM
	TU
	UC
Application	Signal
Number of positions	17
Connection profile	17
No. of control contacts	17
Coding	N
Thread type	M23

### Electrical properties

Contact: Contact group 1

Contact diameter	1 mm
Nominal current $I_N$	8 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
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### 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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