

# RC-16S1N8A0000 - Contact insert

1601058

<https://www.phoenixcontact.com/us/products/1601058>



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Contact insert, M23, number of positions: 16, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC



## Commercial data

Item number	1601058
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFT
GTIN	4046356232999
Weight per piece (including packing)	2.7 g
Weight per piece (excluding packing)	2.447 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	16
Connection profile	16
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
Overshoot 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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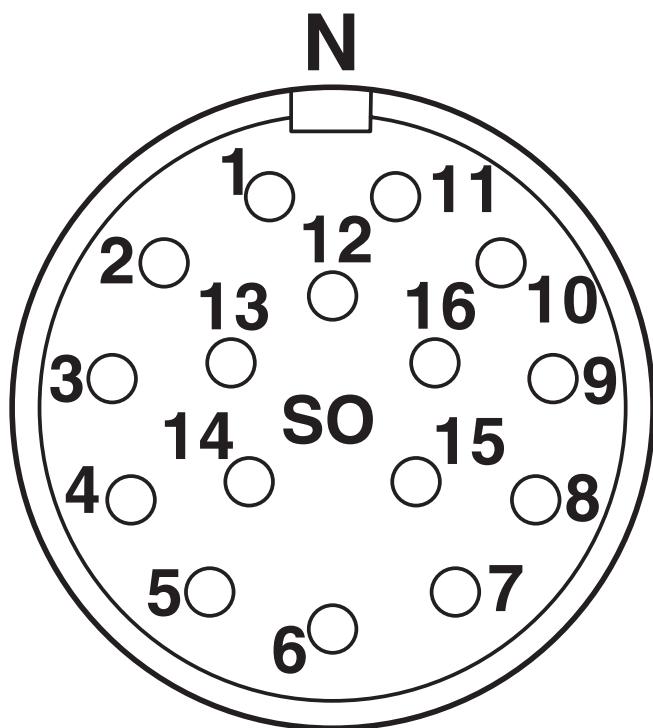
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## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

ETIM 9.0	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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)