

RC-09S1N8A0000 - Contact insert



1596303

<https://www.phoenixcontact.com/us/products/1596303>

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Contact insert, M23, number of positions: 8+1, contact connection type: Socket, Crimp connection, series: NC, RC, RM, TU, UC

Commercial data

Item number	1596303
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFT
GTIN	4046356210515
Weight per piece (including packing)	3.03 g
Weight per piece (excluding packing)	2.81 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts 8 x Ø 1 mm, 1 x 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	9
Connection profile	8+1
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

Contact: Contact group 2

Contact diameter	1 mm
Nominal current I_N	8 A
Nominal voltage U_N	48 V AC
	74 V DC

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

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Ambient conditions

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

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Drawings

Schematic diagram



Connector pin assignment

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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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