

RC-1RS1NRAZ300 - Crimp contact



1603295

<https://www.phoenixcontact.com/us/products/1603295>

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M23, Crimp contact, series: RC, angled, shielded: no, Screw locking mechanism, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, coding: N

Commercial data

Item number	1603295
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFC
GTIN	4046356244732
Weight per piece (including packing)	137.14 g
Weight per piece (excluding packing)	127.5 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
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Product properties

Product type	Circular connector (cable-side)
Thread type	M23

Material specifications

Flammability rating according to UL 94	V0
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Connection data

Conductor connection

Connection method	Solder connection
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Connector

Insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Coding	N
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Contact diameter Power contacts	1.5 mm
Rated current Power contacts	10 A
Note	for max. connection cross section
Rated voltage	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Overvoltage category	II

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Degree of pollution	3
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Housing

Order information:	Order contact inserts and cable clamping separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	Pg13,5
Degree of protection (plugged in)	IP65
	IP67
Thread type	M23

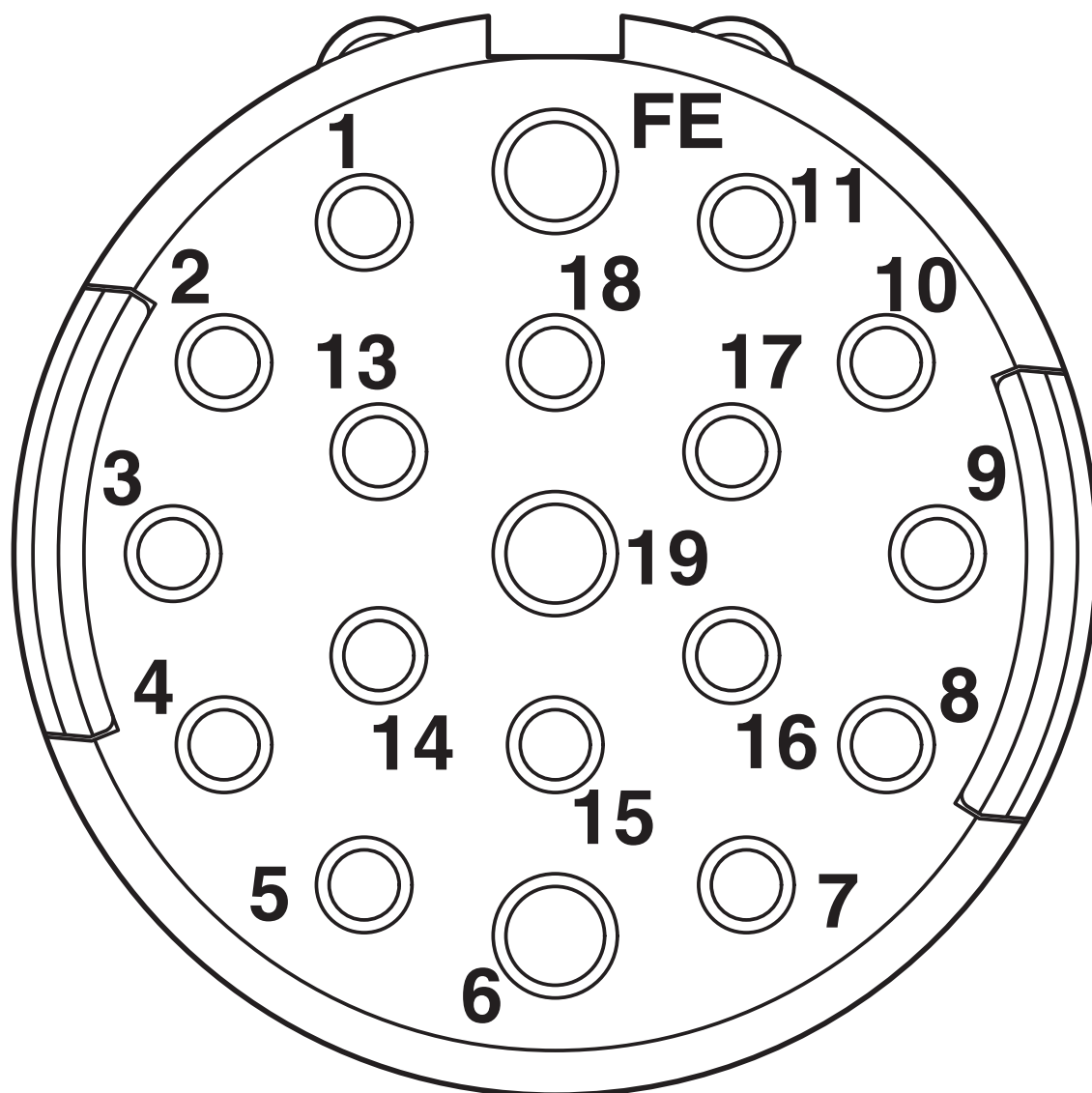
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440109
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UNSPSC

UNSPSC 21.0	39121413
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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