

# UC-1RS1NRA80DU - Cable connector

1606729

<https://www.phoenixcontact.com/us/products/1606729>



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M23, Cable connector, series: UC, straight, shielded: yes, 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	1606729
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAIA
GTIN	4046356261517
Weight per piece (including packing)	93.05 g
Weight per piece (excluding packing)	93.05 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
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### Connector

#### Insulating body

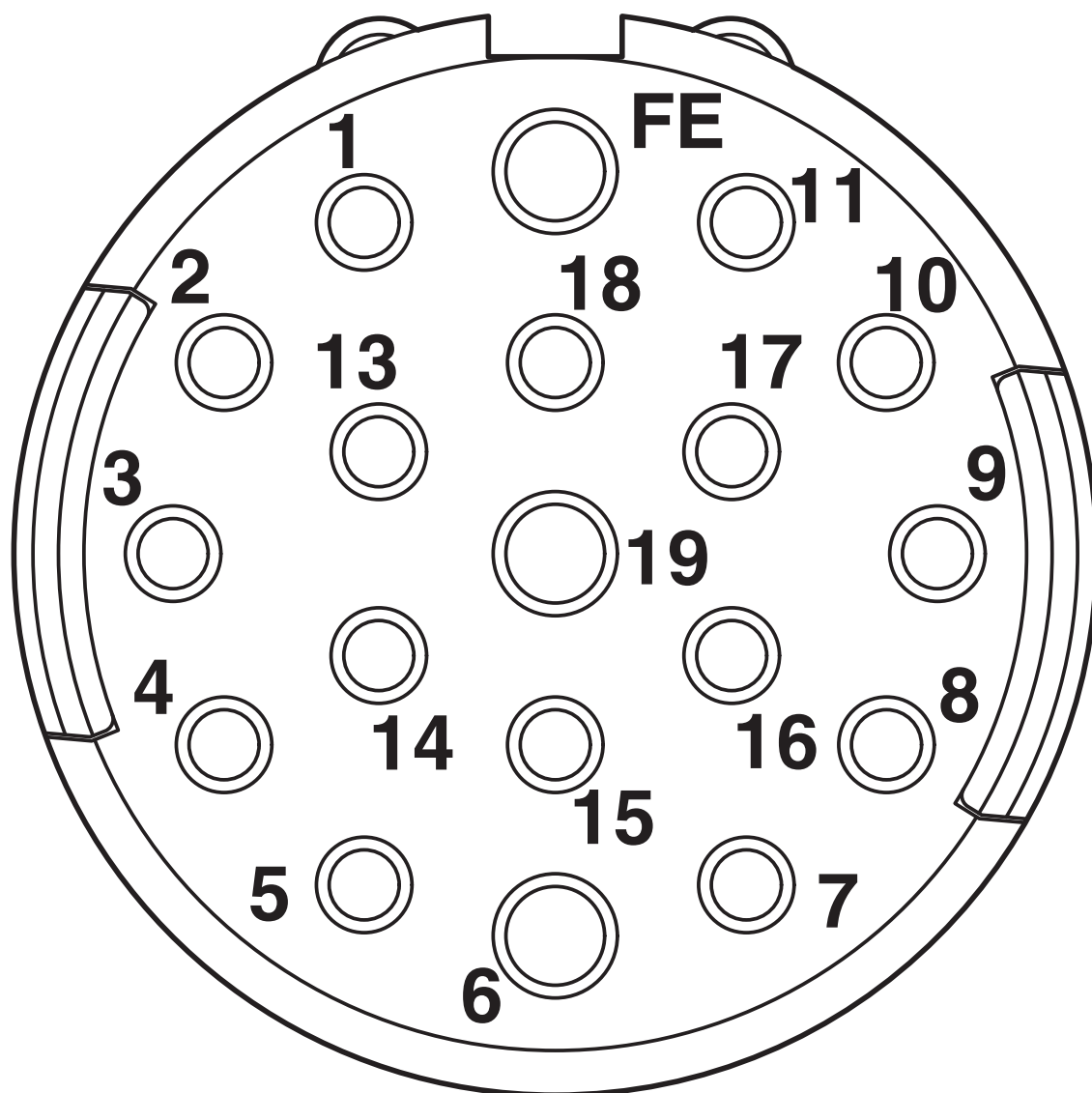
Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Coding	N
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Contact diameter <b>Power contacts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

#### Housing

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

ECLASS-11.0	27440102
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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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)