

# UC-19S1N1280DU - Cable connector



1606685

<https://www.phoenixcontact.com/it/products/1606685>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



M23, Cable connector, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos. : 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder cup, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242172

## Commercial data

Item number	1606685
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABR
Product key	ABRAIA
GTIN	4046356261203
Weight per piece (including packing)	95.5 g
Weight per piece (excluding packing)	95.5 g
Customs tariff number	85366990
Country of origin	DE

# UC-19S1N1280DU - Cable connector



1606685

<https://www.phoenixcontact.com/it/products/1606685>

## Technical data

### Product properties

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

### Connector

#### Insulating body

Coding	N
Insertion/withdrawal cycles	100
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter <b>Power contacts</b>	1.5 mm
Litz wire cross-section <b>Power contacts</b> min.	0.08 mm <sup>2</sup>
Litz wire cross-section <b>Power contacts</b> max.	1 mm <sup>2</sup>
Rated current <b>Power contacts</b>	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
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
Contact diameter Data contacts	1.5 mm

#### Housing

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

# UC-19S1N1280DU - Cable connector

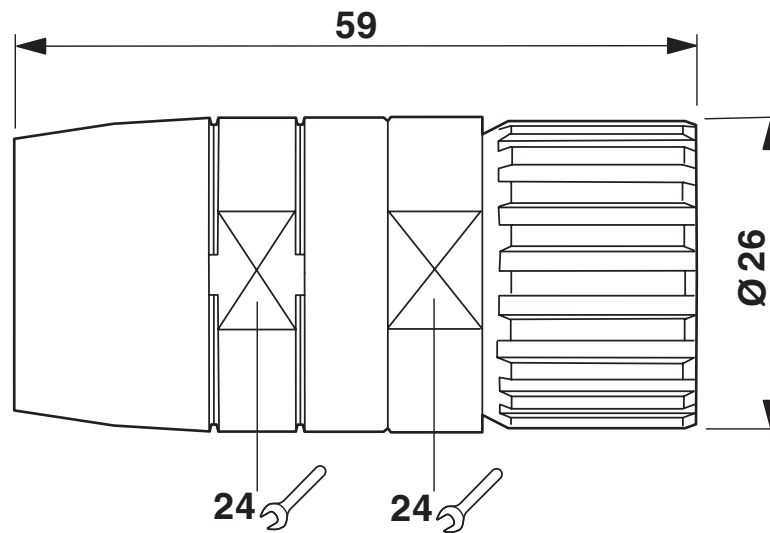
1606685

<https://www.phoenixcontact.com/it/products/1606685>



## Drawings

Dimensional drawing



Dimensional drawing

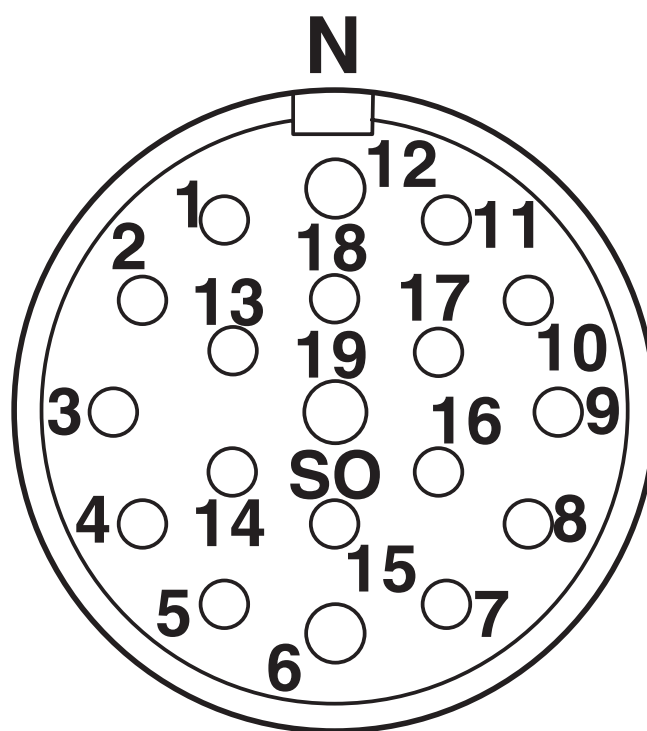
# UC-19S1N1280DU - Cable connector

1606685

<https://www.phoenixcontact.com/it/products/1606685>



Schematic diagram



Connector pin assignment

# UC-19S1N1280DU - Cable connector



1606685

<https://www.phoenixcontact.com/it/products/1606685>

## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 8.0	EC002635
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UC-19S1N1280DU - Cable connector



1606685

<https://www.phoenixcontact.com/lt/products/1606685>

## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact UAB  
Svitrigailos str. 11B  
03228 Vilnius  
+370 5 2106321  
[balticinfo@phoenixcontact.com](mailto:balticinfo@phoenixcontact.com)