

RC-17P1N1283NN - Cable connector



1601285

<https://www.phoenixcontact.com/us/products/1601285>

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: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Solder cup, coding: N

Commercial data

Item number	1601285
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFA
GTIN	4046356233958
Weight per piece (including packing)	83.655 g
Weight per piece (excluding packing)	77.13 g
Customs tariff number	85366990
Country of origin	DE

RC-17P1N1283NN - Cable connector



1601285

<https://www.phoenixcontact.com/us/products/1601285>

Technical data

Product properties

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

Material specifications

Flammability rating according to UL 94	V0
--	----

Connection data

Conductor connection

Connection method	Solder connection
-------------------	-------------------

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter	1 mm
Power contacts	
Litz wire cross-section Power contacts min.	0.08 mm ²
Litz wire cross-section Power contacts max.	1 mm ²
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Environmental and real-life conditions

RC-17P1N1283NN - Cable connector



1601285

<https://www.phoenixcontact.com/us/products/1601285>

Ambient conditions

Degree of protection	IP67
----------------------	------

RC-17P1N1283NN - Cable connector

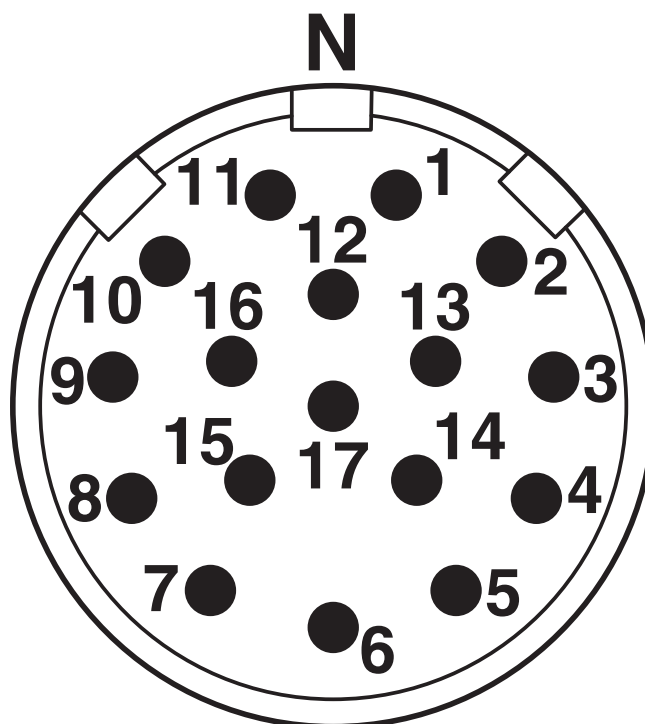
1601285

<https://www.phoenixcontact.com/us/products/1601285>



Drawings

Schematic diagram



Connector pin assignment

RC-17P1N1283NN - Cable connector



1601285

<https://www.phoenixcontact.com/us/products/1601285>

Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 9.0	EC003569
----------	----------

UNSPSC

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

RC-17P1N1283NN - Cable connector



1601285

<https://www.phoenixcontact.com/us/products/1601285>

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)
SCIP	bf4e9b96-d8ce-4c99-8d4d-83c81d1145b4

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

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