

RC-16S1N8AL200 - Cable connector



1601103

<https://www.phoenixcontact.com/us/products/1601103>

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.



Cable connector, application: Signal, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1601103
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356233200
Weight per piece (including packing)	98.1 g
Weight per piece (excluding packing)	88.147 g
Country of origin	DE

RC-16S1N8AL200 - Cable connector



1601103

<https://www.phoenixcontact.com/us/products/1601103>

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately
--------------------	--

Product properties

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

Material specifications

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

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Number (Contact group 1)	16
Contact diameter (Contact group 1)	1 mm
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Permissible humidity (storage/transport)	50 % ... 65 %

RC-16S1N8AL200 - Cable connector

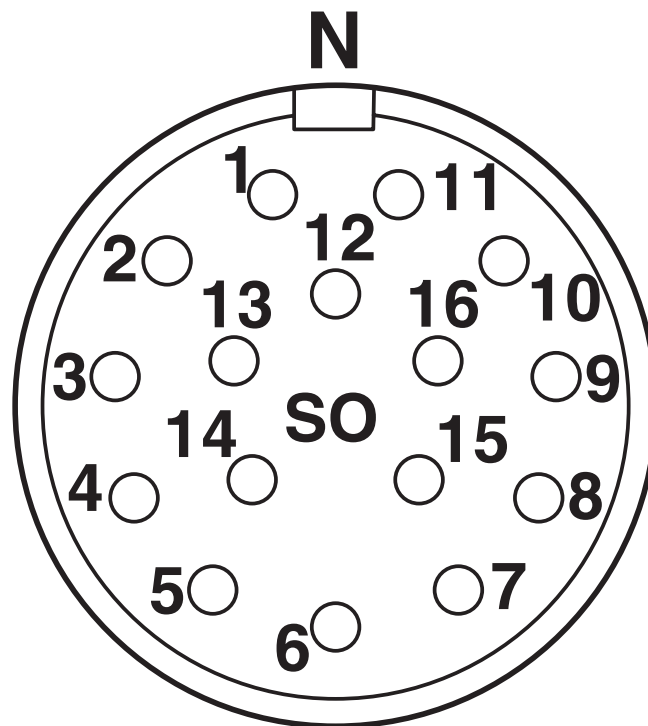


1601103

<https://www.phoenixcontact.com/us/products/1601103>

Drawings

Schematic diagram



Connector pin assignment

RC-16S1N8AL200 - Cable connector



1601103

<https://www.phoenixcontact.com/us/products/1601103>

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 10.0	EC002635
-----------	----------

UNSPSC

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

RC-16S1N8AL200 - Cable connector



1601103

<https://www.phoenixcontact.com/us/products/1601103>

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	ac911002-1bb2-4be1-acc5-f5b55b055182

Phoenix Contact 2026 © - 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