

RC-06S1N1280EM - Cable connector



1593754

<https://www.phoenixcontact.com/pc/products/1593754>

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, straight, shielded: no, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder cup, cable diameter range: 3 mm . .. 10.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240412

Commercial data

Item number	1593754
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356197892
Weight per piece (including packing)	74.985 g
Weight per piece (excluding packing)	71.99 g
Customs tariff number	85366990
Country of origin	DE

RC-06S1N1280EM - Cable connector



1593754

<https://www.phoenixcontact.com/pc/products/1593754>

Technical data

Product properties

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

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Litz wire cross-section	0.08 mm ²
Litz wire cross-section	2.5 mm ²
Rated current	20 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)	IP65 IP67 IP68
Thread type	M23

Seal

External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

RC-06S1N1280EM - Cable connector

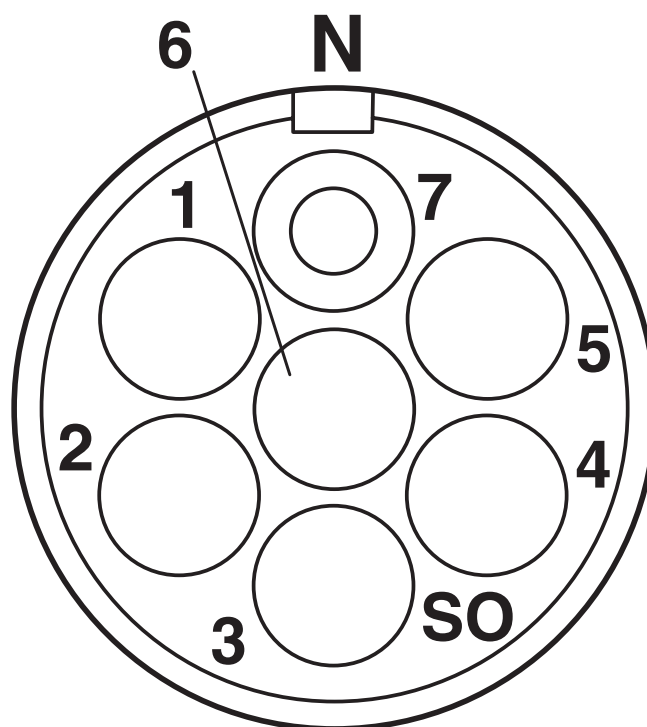
1593754

<https://www.phoenixcontact.com/pc/products/1593754>



Drawings

Schematic diagram



Connector pin assignment

RC-06S1N1280EM - Cable connector



1593754

<https://www.phoenixcontact.com/pc/products/1593754>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

RC-06S1N1280EM - Cable connector



1593754

<https://www.phoenixcontact.com/pc/products/1593754>

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	5d9fb638-5228-4eb6-9300-a4ebeb5b55d6

RC-06S1N1280EM - Cable connector



1593754

<https://www.phoenixcontact.com/pc/products/1593754>

Accessories

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

<https://www.phoenixcontact.com/pc/products/1577206>



Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM

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

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com