

1594163
<https://www.phoenixcontact.com/us/products/1594163>

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M23, Device connector rear mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Axial O-ring, Central fastening M25 x 1.5, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240461

Commercial data

Item number	1594163
Packing unit	12 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFR
GTIN	4046356200011
Weight per piece (including packing)	67.38 g
Weight per piece (excluding packing)	67.38 g
Customs tariff number	85366990
Country of origin	DE

Technical data

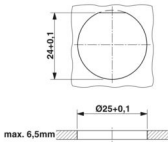
Product properties

Product type	Circular connectors (device side)
Thread type	M23

Data management status

Article revision	04
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Dimensions

Dimensional drawing	
Length of the solder pin	11 mm
	11 mm

Material specifications

Flammability rating according to UL 94	V0
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Connection data

Conductor connection

Connection method	Solder connection
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Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter	2 mm
Rated current	20 A
Rated voltage	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3
Overvoltage category	II

RC-06S1NC2H000 - Device connector rear mounting



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Degree of pollution	3
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Housing

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

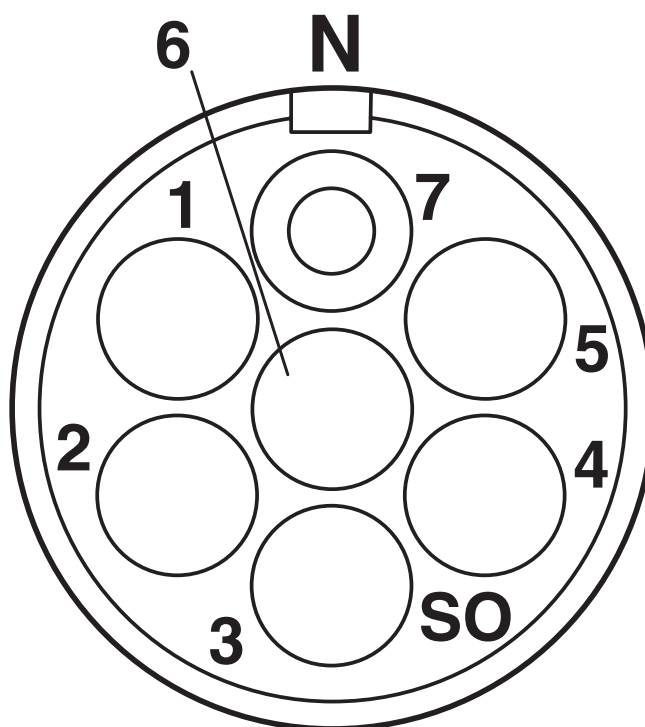
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Drawings

Schematic diagram



Connector pin assignment

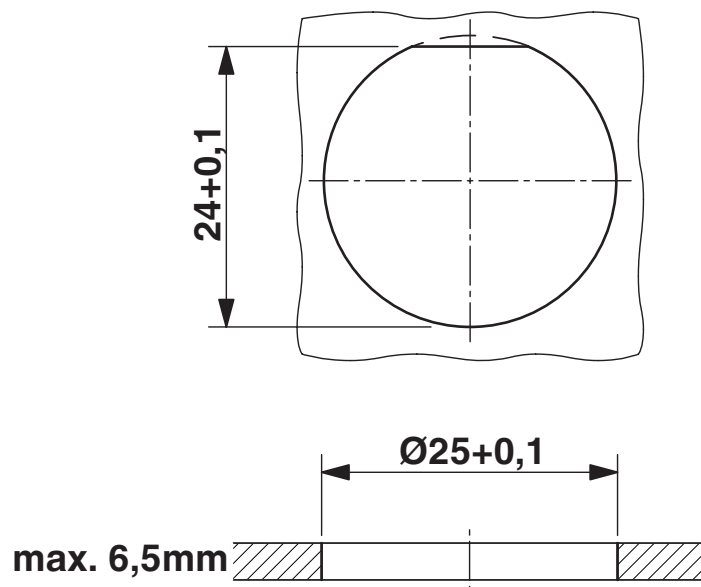
RC-06S1NC2H000 - Device connector rear mounting

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Dimensional drawing



Installation dimensions

RC-06S1NC2H000 - Device connector rear mounting



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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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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)
SCIP	32e7143b-a50f-400d-b44f-4e016be071f6