RC-16P1N1280K5 - Cable connector

1600595

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Solder cup, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241229

Commercial data

Item number	1600595
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB31
Product key	ABRAFA
GTIN	4046356230926
Weight per piece (including packing)	73.985 g
Weight per piece (excluding packing)	73.985 g
Customs tariff number	85366990
Country of origin	DE

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https://www.phoenixcontact.com/us/products/1600595

Technical data

Product properties

Product type	Circular connector (cable-side)

Material specifications

Housing material	Metal

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Power contacts	1 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
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

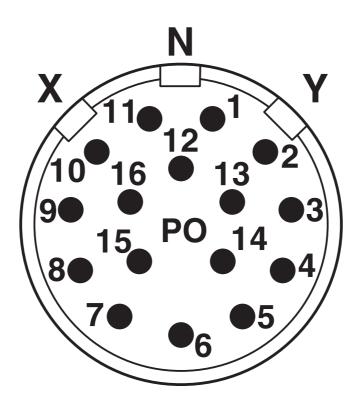|	
Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP65
	IP67
	IP68
Thread type	M23

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Drawings

Schematic diagram

Connector pin assignment

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635

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	7ea88f1d-dc58-4db0-8a26-3361282c276d