RC-17P1N8A80K5 - Cable connector

1601514

https://www.phoenixcontact.com/us/products/1601514

PHŒNIX CONTACT

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241354

Commercial data

Item number	1601514
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB31
Product key	ABRAFA
GTIN	4046356235105
Weight per piece (including packing)	68.245 g
Weight per piece (excluding packing)	68.245 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately

Product properties

Product type	Circular connector (cable-side)

Material specifications

Housing material	Metal

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter Power contacts	1 mm
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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	15 °C ... 25 °C

Permissible humidity (storage/transport)	50 % ... 65 %

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Drawings

Schematic diagram

N

11 1
12
10 16 13 2
9 3
15 14
8 17 4
PO
7 5
6
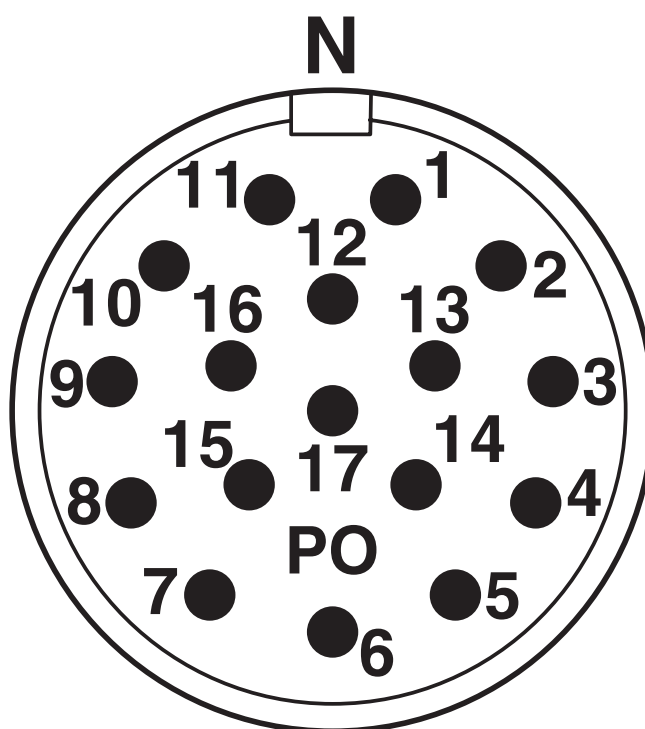
Connector pin assignment

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Classifications

ECLASS

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

ETIM

ETIM 8.0	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	f60bb162-473c-41c5-af11-228bc7bda91e

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Accessories

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

1577206

https://www.phoenixcontact.com/us/products/1577206

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

RC-11P2000 - Crimp contact

1596770

https://www.phoenixcontact.com/us/products/1596770

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240882

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RC-12P2000 - Crimp contact

1597862

https://www.phoenixcontact.com/us/products/1597862

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm^2 ... 0.56 mm^2, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1240882

RC-1KP2000 - Crimp contact

1602996

https://www.phoenixcontact.com/us/products/1602996

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm^2 ... 1 mm^2, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241571

RC-22P2000 - Crimp contact

1603321

https://www.phoenixcontact.com/us/products/1603321

Crimp contact, Pin, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Single contact, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

RC-22P2300 - Crimp contact

1603324

https://www.phoenixcontact.com/us/products/1603324

Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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RC-22P2400 - Crimp contact

1603325

https://www.phoenixcontact.com/us/products/1603325

Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

RC-21P2000 - Crimp contact

1603310

https://www.phoenixcontact.com/us/products/1603310

Crimp contact, Pin, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2, Single contact

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RC-21P2300 - Crimp contact

1603313

https://www.phoenixcontact.com/us/products/1603313

Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2

RC-21P2400 - Crimp contact

1611637

https://www.phoenixcontact.com/us/products/1611637

Crimp contact, Pin, rolled, Taped product, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2

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