

UC-1RP1NRAF3AD - Coupler connector



1623191

<https://www.phoenixcontact.com/us/products/1623191>

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M23, Coupler connector, application: Signal, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 13.5 mm ... 14.5 mm, coding: N

The figure shows the 12-pos. product version

Commercial data

Item number	1623191
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAIA
GTIN	4046356877688
Weight per piece (including packing)	202.4 g
Weight per piece (excluding packing)	110.77 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Connector

Insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Number (Contact group 1)	3
Contact diameter (Contact group 1)	1.5 mm
Rated current Contact (Contact group 1)	10 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
Number (Contact group 2)	16
Contact diameter (Contact group 2)	1 mm
Rated current Contact (Contact group 2)	8 A
Rated voltage Contact (Contact group 2)	48 V AC 48 V AC

Housing

Order information:	Order contact inserts separately
Type	Coupling housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	Pg13,5
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67

Seal

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External cable diameter	13.5 mm ... 14.5 mm
Seal material	FPM

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Drawings

Schematic diagram



Connector pin assignment

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