

Cable connector - CA-1RP1N8A8008



1623839

<https://www.phoenixcontact.com/pc/products/1623839>

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Cable connector, CA, straight, shielded: yes, Screw locking, M23, No. of pos.: 16+2+FE, Direction of rotation: Standard, type of contact: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding:N

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Crimping connection: vibration- and temperature-resistant assembly

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Commercial Data

Item number	1623839
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	ABRBFA
Catalog Page	Page 87 (C-2-2019)
GTIN	4055626228549
Weight per Piece (including packing)	87.8 g
Weight per Piece (excluding packing)	87.8 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Order information:	Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
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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, first) separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Contact diameter	1.5 mm
Max. cross section	1 mm ² 1 mm ²
Note	for max. connection cross section for max. connection cross section
Rated surge voltage	1.5 kV 1.5 kV
Overvoltage category	III III
Degree of pollution	3 3

Housing

Type of locking	Screw locking
Thread type	M23
Degree of protection	IP67
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Seal

Seal material	NBR
External cable diameter	10 mm ... 14.5 mm

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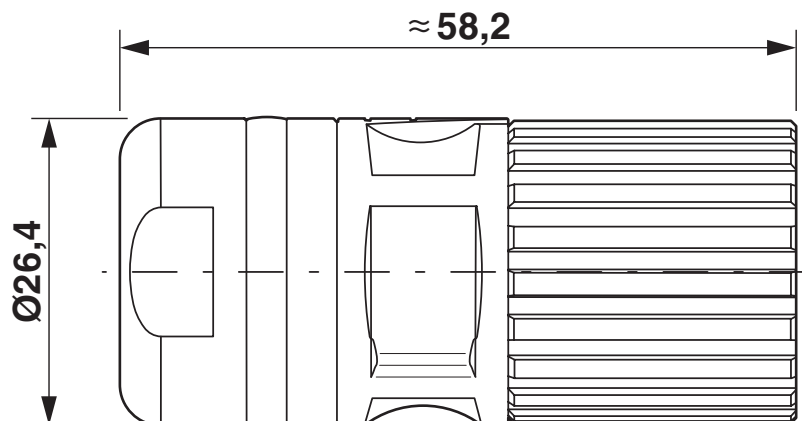
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Drawings

Dimensional drawing




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Approvals

 cUL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Power	48 V	6 A	- 18	-
Signal	48 V	5 A	- 18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Power	48 V	10 A	- 18	-
Signal	48 V	8 A	- 18	-

cULus Recognized

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Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Crimp contact

Crimp contact - RC-15P2010 - 1623776

<https://www.phoenixcontact.com/pc/products/1623776>



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact

Crimp contact - RC-15P2020 - 1623777

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Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

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Crimp contact

Crimp contact - RC-15P2030 - 1623778

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Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact

Crimp contact - RC-15P2200 - 1627292

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Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.08 mm² ... 0.22 mm²

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Crimp contact

Crimp contact - RC-15P2300 - 1627291

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Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.14 mm² ... 0.56 mm²

Crimp contact

Crimp contact - RC-15P2000 - 1623779

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Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.5 mm² ... 1 mm²

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Crimp contact

Crimp contact - RC-15P2100 - 1623780

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Crimp contact, leading (PE), turned, contact diameter: 1.5 mm, crimp range: 0.5 mm² ... 1 mm²

Protective cap

Protective cap - RC-Z2058 - 1604223

<https://www.phoenixcontact.com/pc/products/1604223>



Plastic protection cap for connectors with M23 knurled nut

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Plastic anti-static dust protection cap

Plastic anti-static dust protection cap - RC-Z2468 - 1611796

<https://www.phoenixcontact.com/pc/products/1611796>

Plastic protection cap, antistatic, for connectors with M23 knurled nut



Color-coding

Color-coding - RF-Z0014 - 1620588

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Color-coding, color: green



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Color-coding

Color-coding - RF-Z0015 - 1620592

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Color-coding, color: orange



Color-coding

Color-coding - RF-Z0016 - 1620593

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Color-coding, color: black



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Square mounting flange

Square mounting flange - RF-Z0003 - 1607905

<https://www.phoenixcontact.com/pc/products/1607905>



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF

Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

<https://www.phoenixcontact.com/pc/products/1607456>



Torque screwdriver, series: RC

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Hook wrench

Hook wrench - SF-Z0027 - 1607455

<https://www.phoenixcontact.com/pc/products/1607455>



Hook wrench, series: RC

Special wrench

Special wrench - RF-Z0007 - 1614347

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Special wrench, series: RF

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Metal protective cap

Metal protective cap - CA-Z0077 - 1627224

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Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

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