CA-17M1N8A95DU - Coupler connector

1620013

https://www.phoenixcontact.com/in/products/1620013

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M23, Coupler connector, CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 17, Direction of rotation: Standard, type of contact: Pin, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding:N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1243951

Your advantages

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

Commercial Data

Item number	1620013
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFI
Catalog Page	Page 111 (C-2-2019)
GTIN	4046356819824
Weight per Piece (including packing)	96.3 g
Weight per Piece (excluding packing)	93.2 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Order information:	Order 17 x 1 mm crimp contacts separately

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Note	Order information: Order 17 x 1 mm crimp contacts separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact type	Pin
Application	Feedback, signal
	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.06 mm²
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	FPM

Environmental and real-life conditions

Ambient conditions

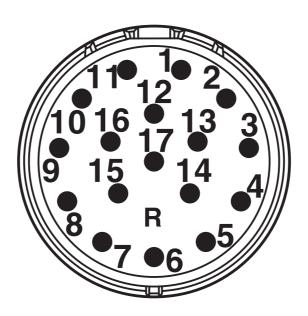| Ambient temperature (operation) | -40 °C ... 125 °C |

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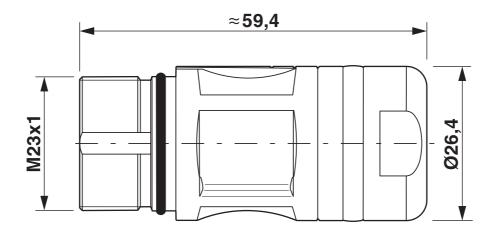
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Drawings

Schematic diagram

Contact chamber numbering (view of plug-in side), standard pin

Dimensional drawing

≈ **59,4**

M23x1

Ø26,4

Approvals

cUL Recognized
Approval ID: E335019-20141210

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	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
	48 V	8 A	- 18	-

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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

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

SF-6CP2000 - Crimp contact

1605559

https://www.phoenixcontact.com/in/products/1605559

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm^2 ... 0.25 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241921

SF-10KP004 - Crimp contact

1607355

https://www.phoenixcontact.com/in/products/1607355

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm^2 ... 0.5 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241921

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SF-6AP2000 - Crimp contact

1605554

https://www.phoenixcontact.com/in/products/1605554

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm^2 ... 1 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241921

SF-Z0019 - Protective cap

1607449

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Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

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RC-Z2059 - Protective cap

1604225

https://www.phoenixcontact.com/in/products/1604225

Plastic protection cap for connectors with M23 external thread

RC-Z2469 - Protective cap

1611797

https://www.phoenixcontact.com/in/products/1611797

Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

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RC-Z2104 - Metal protective cap

1604260

https://www.phoenixcontact.com/in/products/1604260

Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241739

RC-Z2068 - Metal protective cap

1604236

https://www.phoenixcontact.com/in/products/1604236

Metal protective cap, M23, degree of protection: IP67, series: RC, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241735

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RF-Z0014 - Color-coding

1620588

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Color-coding, color: green

RF-Z0015 - Color-coding

1620592

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Color-coding, color: orange

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RF-Z0016 - Color-coding

1620593

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Color-coding, color: black

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