

CA-17F1N8A85DU - Cable connector



1619629

<https://www.phoenixcontact.com/in/products/1619629>

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M23, Cable connector, CA, straight, shielded: yes, Screw locking, No. of pos.: 17, Direction of rotation: Standard, type of contact: Socket, 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.: 1243718

Commercial Data

Item number	1619629
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABR
Product Key	ABRBFA
Catalog Page	Page 110 (C-2-2019)
GTIN	4046356822497
Weight per Piece (including packing)	94.5 g
Weight per Piece (excluding packing)	91.2 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
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Product properties

Product type	Circular connector (cable-side)
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Connector

Connection 1

Head design	Socket
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Insulating body

Note	Order information: Order crimp contacts \varnothing 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact type	Socket
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 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
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	Screw locking
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

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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

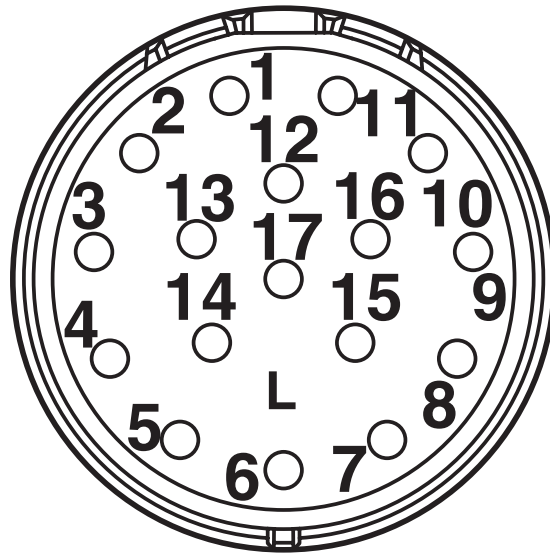
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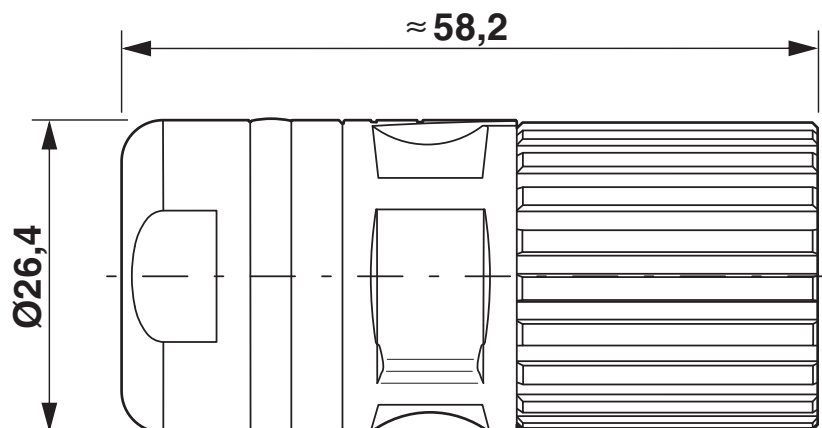
Drawings

Schematic diagram



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

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
	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
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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

SF-6CS2000 - Crimp contact

1605562

<https://www.phoenixcontact.com/in/products/1605562>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

SF-10KS004 - Crimp contact

1607356

<https://www.phoenixcontact.com/in/products/1607356>



Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

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SF-6AS2000 - Crimp contact

1605557

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Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241922

RC-Z2058 - Protective cap

1604223

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



Plastic protection cap for connectors with M23 knurled nut

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RC-Z2468 - Protective cap

1611796

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

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



CA-Z0077 - Metal protective cap

1627224

<https://www.phoenixcontact.com/in/products/1627224>

Metal protective cap, degree of protection: IP67, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1245447



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RF-Z0014 - Color-coding

1620588

<https://www.phoenixcontact.com/in/products/1620588>

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



SF-Z0028 - Torque screwdriver

1607456

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

Torque screwdriver, series: RC



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SF-Z0027 - Hook wrench

1607455

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



Hook wrench, series: RC

RF-Z0003 - Square mounting flange

1607905

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



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm, series: RF, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1242369

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