

Cable connector - CA-09P1N1280DNS



1619596

<https://www.phoenixcontact.com/us/products/1619596>

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Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 8+1, Direction of rotation: Standard, type of contact: Pin, Solder connection, cable diameter range: 3 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
- Reduced connection time with SPEEDCON fast locking system
- Solder connection: proven connection technology for various litz wires

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Commercial Data

Item number	1619596
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	A12
Product Key	ABRBFH
Catalog Page	Page 84 (C-2-2019)
GTIN	4046356822787
Weight per Piece (including packing)	94 g
Weight per Piece (excluding packing)	94 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Product properties

Product type	Circular connector (cable-side)
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Ambient conditions

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

Insulating body

Application	Signal
Number of positions	9
Contact type	Pin
Coding	N
Connection method	Solder connection
Connection profile	8+1
Insertion/withdrawal cycles	100
Contact diameter	2 mm
Direction of rotation	Standard
Material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Max. cross section	2.5 mm ² 2.5 mm ²
Rated voltage (III/3)	48 V AC 48 V AC
Rated surge voltage (III/3)	1.5 kV 1.5 kV

Housing

Type of locking	SPEEDCON locking
Thread type	M23
Degree of protection	IP67
Housing material	CuZn, GD-Zn
Seal material	NBR
External cable diameter	3 mm ... 14.5 mm

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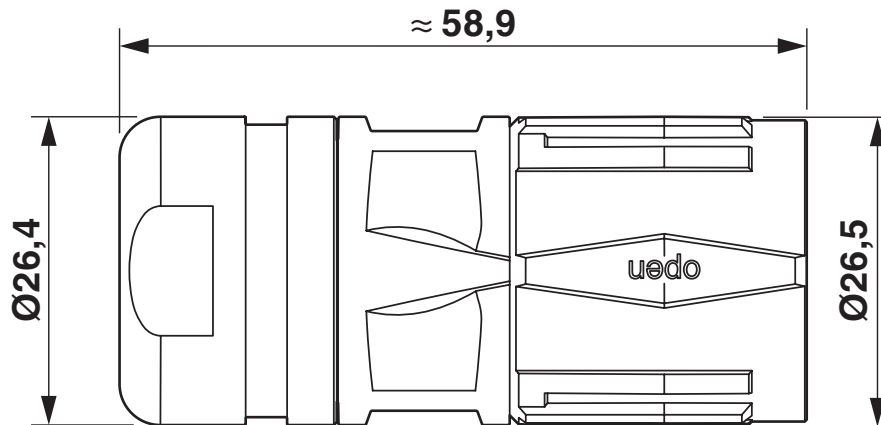
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Drawings

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	12 A	- 14	-
Signal	48 V	6 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	20 A	- 14	-
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

Torque screwdriver

Torque screwdriver - SF-Z0028 - 1607456

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

Torque screwdriver, series: RC



Hook wrench

Hook wrench - SF-Z0027 - 1607455

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Hook wrench, series: RC



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Protective cap

Protective cap - RC-Z2058 - 1604223

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

Plastic protection cap for connectors with M23 knurled nut



Plastic anti-static dust protection cap

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

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

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



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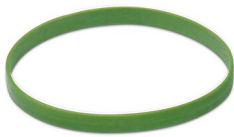
<https://www.phoenixcontact.com/us/products/1619596>

Color-coding

Color-coding - RF-Z0014 - 1620588

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

Color-coding, color: green

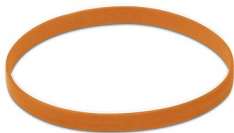


Color-coding

Color-coding - RF-Z0015 - 1620592

<https://www.phoenixcontact.com/us/products/1620592>

Color-coding, color: orange



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Color-coding

Color-coding - RF-Z0016 - 1620593

<https://www.phoenixcontact.com/us/products/1620593>

Color-coding, color: black



Square mounting flange

Square mounting flange - RF-Z0003 - 1607905

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



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

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Metal protective cap

Metal protective cap - CA-Z0077 - 1627224

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



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

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