CA-09S1N8AT007S - Cable connector

1619388

https://www.phoenixcontact.com/us/products/1619388

PHŒNIX CONTACT

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M23, Cable connector, series: CA, angled, shielded: yes, SPEEDCON, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1243506

Your advantages

• Angled cable outlet for confined spaces

• Can be adapted to various applications, thanks to adjustable cable outlet direction

• 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

• Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619388
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAED
Catalog page	Page 90 (C-2-2019)
GTIN	4046356824590
Weight per piece (including packing)	196.4 g
Weight per piece (excluding packing)	196.4 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately

Product properties

Product type	Circular connector (cable-side)

Connector

Connection 1

Head design	Socket

Insulating body

Note	Order information: Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	9
Direction of rotation	Standard
Connection profile	8+1
Contact diameter Power contacts	2 mm
Litz wire cross-section Power contacts min.	1 mm²
Litz wire cross-section Power contacts max.	2.5 mm²
Rated current Power contacts	20 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm²
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A

Housing

Housing material	Metal
Type of locking	SPEEDCON
Pg screw connection	none
Degree of protection (plugged in)	IP67

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Thread type	M23
Seal	
External cable diameter	6 mm ... 10 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

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

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Drawings

Schematic diagram

CA-09S1N8AT007S - Cable connector
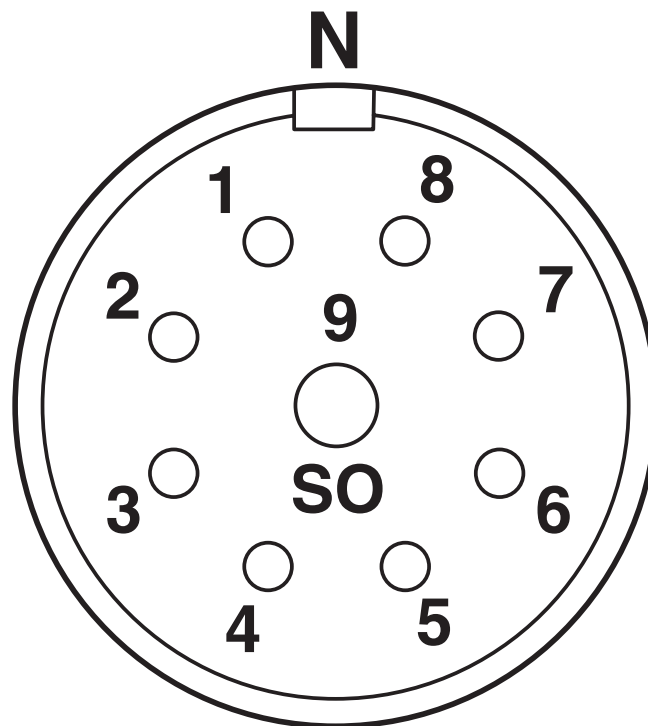
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Dimensional drawing

≈Ø25,8

≈53

≈Ø26,4

≈78
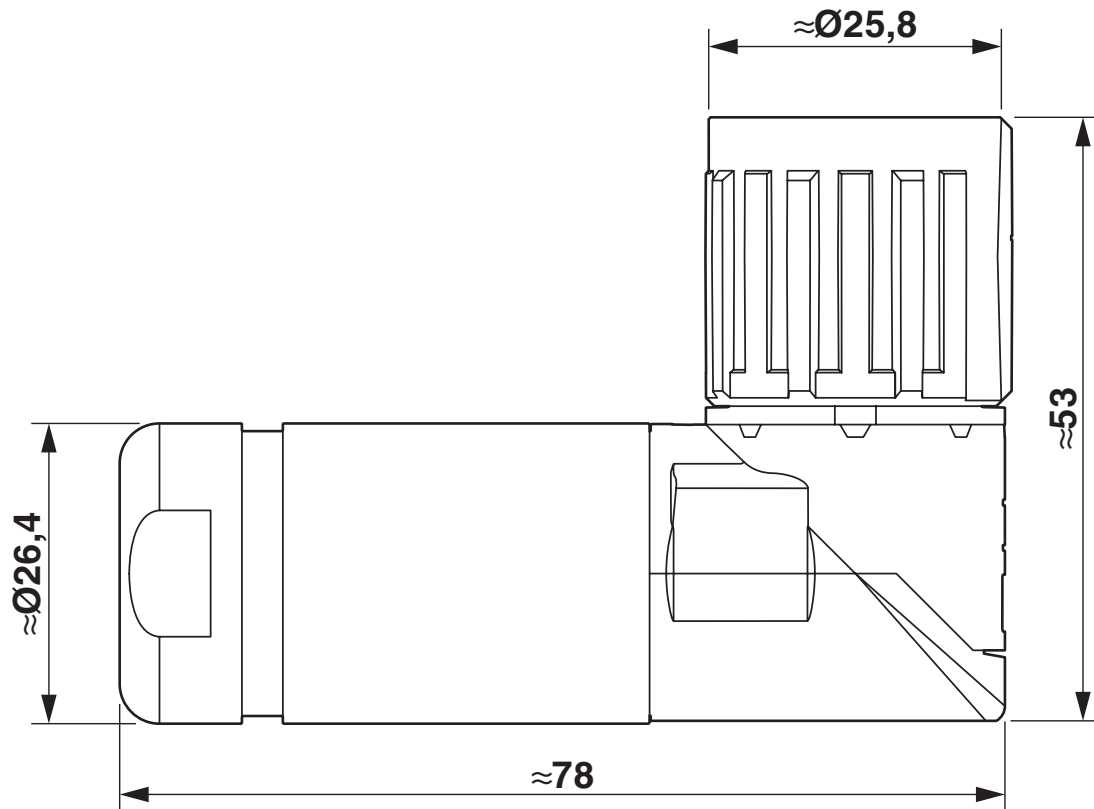
Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1619388

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	4 A	- 20	-

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	6 A	- 20	-

cULus Recognized

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	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"

Accessories

RC-11S2000 - Crimp contact

1596772

https://www.phoenixcontact.com/us/products/1596772

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241093

RC-12S2000 - Crimp contact

1599600

https://www.phoenixcontact.com/us/products/1599600

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm^2 ... 0.56 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241093

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https://www.phoenixcontact.com/us/products/1619388

RC-1KS2000 - Crimp contact

1602998

https://www.phoenixcontact.com/us/products/1602998

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm^2 ... 1 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241572

RC-5CS2000 - Crimp contact

1603517

https://www.phoenixcontact.com/us/products/1603517

Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 1 mm^2 ... 1.5 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241635

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RC-5AS2000 - Crimp contact

1603509

https://www.phoenixcontact.com/us/products/1603509

Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 1.5 mm^2 ... 2.5 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241635

RC-5SS2000 - Crimp contact

1603530

https://www.phoenixcontact.com/us/products/1603530

Crimp contact, Socket, turned, contact diameter: 2 mm, crimp range: 0.5 mm^2 ... 0.75 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241633

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RC-59S2000 - Crimp contact

1603501

https://www.phoenixcontact.com/us/products/1603501

Crimp contact, Socket, turned, Single contact, contact diameter: 2 mm, crimp range: 0.75 mm^2 ... 1 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241633

SF-Z0028 - Torque screwdriver

1607456

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

Torque screwdriver, series: RC

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SF-Z0027 - Hook wrench

1607455

https://www.phoenixcontact.com/us/products/1607455

Hook wrench, series: RC

RF-Z0014 - Color coding

1620588

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

Color coding, color: green

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RF-Z0015 - Color coding

1620592

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

Color coding, color: orange

RF-Z0016 - Color coding

1620593

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

Color coding, color: black

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https://www.phoenixcontact.com/us/products/1619388

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

https://www.phoenixcontact.com/us/products/1577206

Plastic protective cap, M23, degree of protection: IP20, series: CA

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