

Cable connector - CA-07S1N8AT007S

1619392

<https://www.phoenixcontact.com/us/products/1619392>



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M23, Cable connector, CA, angled, shielded: yes, SPEEDCON locking, No. of pos.: 7, Direction of rotation: Standard, type of contact: 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.: 1243510



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	1619392
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A12
Product Key	ABRBFH
Catalog Page	Page 90 (C-2-2019)
GTIN	4046356824552
Weight per Piece (including packing)	188.1 g
Weight per Piece (excluding packing)	188.1 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Order information:	Order 7 x Ø 2 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 Ø 2 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact type	Socket
Application	Signal
Number of positions	7
Direction of rotation	Standard
Connection profile	7
Contact diameter	Signal contacts
Litz wire cross-section	Signal contacts min.
Litz wire cross-section	Signal contacts max.
Nominal current per signal contact	20 A
Rated voltage	48 V AC
Rated surge voltage	1.5 kV
Oversupply category	III
Degree of pollution	3

Housing

Housing material	Metal
Type of locking	SPEEDCON locking
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	6 mm ... 10 mm
Seal material	NBR

Ambient conditions

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Ambient temperature (operation)

-40 °C ... 125 °C

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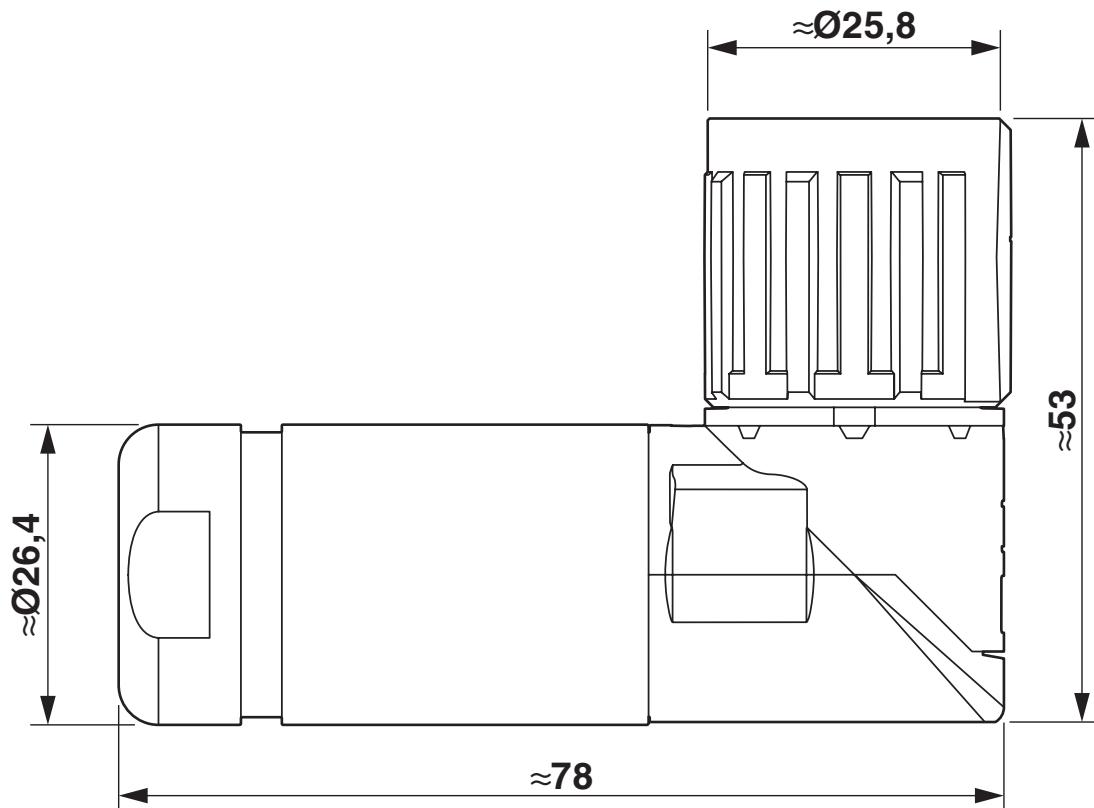
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Drawings

Dimensional drawing



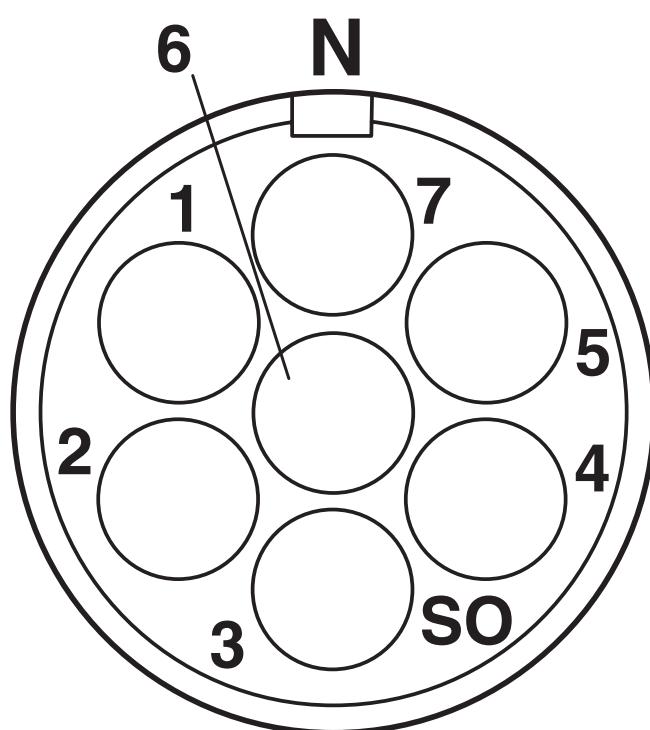
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Schematic diagram



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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	10 A	- 14	-

UL Recognized Approval ID: E335019-20141210	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	48 V	17 A	- 14	-

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

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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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

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

Hook wrench, series: RC



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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

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Color-coding, color: orange



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Color-coding

Color-coding - RF-Z0016 - 1620593

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Color-coding, color: black



Crimp contact

Crimp contact - RC-5CS2000 - 1603517

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

Crimp contact, turned, contact diameter: 2 mm, crimp range: 1 mm² ... 1.5 mm²,
Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%)
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Crimp contact

Crimp contact - RC-5AS2000 - 1603509

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

Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241635



Crimp contact

Crimp contact - RC-59S2000 - 1603501

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

Crimp contact, turned, Single contact, contact diameter: 2 mm, crimp range: 0.75 mm² ... 1 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241633



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Crimp contact

Crimp contact - RC-5SS2000 - 1603530

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



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.5 mm² ... 0.75 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) 1241633

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