

CA-06S1N128006 - Cable connector

1619750

<https://www.phoenixcontact.com/us/products/1619750>



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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Socket, Solder connection, cable diameter range: 4 mm ... 6 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243802

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
- Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1619750
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEA
Catalog page	Page 86 (C-2-2019)
GTIN	4046356821674
Weight per piece (including packing)	91.4 g
Weight per piece (excluding packing)	91.4 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
Data management status	
Article revision	06

Connector

Connection 1

Head design	Socket
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Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overshoot category	III
Degree of pollution	3
Contact diameter	Signal contacts
Litz wire cross-section	Signal contacts max.
Nominal current per signal contact	2.5 mm ²
	20 A

Housing

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

Seal

External cable diameter	4 mm ... 6 mm
Seal material	NBR

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Environmental and real-life conditions

Ambient conditions

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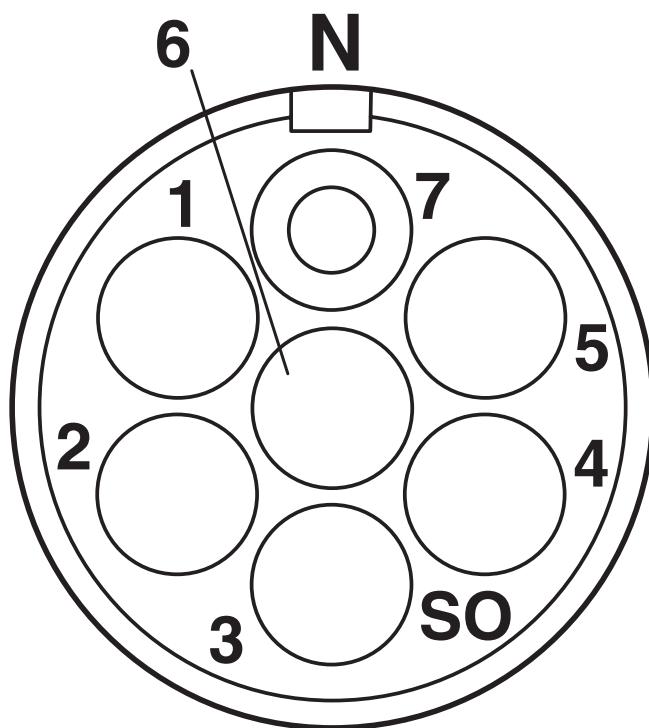
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Drawings

Schematic diagram



Connector pin assignment

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619750>

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 - 14	-

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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
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2d64a912-a124-4083-8102-b4fe626fa45b

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