

Cable connector - CA-09S1N8AT0DNS - 1619440

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 8+1, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm



The figure shows the 6-pos. product version

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



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356824071 |

Technical data

Temperature range

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

Data of the insulating body

| | |
|---------------------------|---|
| Note | Order information: Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately |
| Coding | N |
| Insulator material | PA 6.6 |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |

Cable connector - CA-09S1N8AT0DNS - 1619440

Technical data

Data of the insulating body

| | |
|---|----------------------|
| Application | Signal |
| Number of positions | 9 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 1 mm ² |
| Litz wire cross section of power contacts max. | 2.5 mm ² |
| Nominal current per power contact at 25°C | 20 A |
| Nominal voltage, power contact | 300 V |
| Rated surge voltage | 2.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.08 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact at 25°C | 8 A |
| Nominal voltage, signal contact | 300 V |
| Rated surge voltage | 2.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |

Housing data

| | |
|--|------------------|
| Housing material | Metal |
| Type of locking | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67 |
| Thread type | M23 |

Cable seal data

| | |
|------------------|------------------|
| Cable diameter | 3 mm ... 14.5 mm |
| Sealing material | NBR |

Environmental Product Compliance

| | |
|------------|---|
| | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / cULus Recognized


Cable connector - CA-09S1N8AT0DNS - 1619440


Approvals

Ex Approvals

Approval details

| | | |
|----------------------------|---|--|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | | 300 V |
| Nominal current IN | | 6 A |
| mm ² /AWG/kcmil | | 20 |

| | | |
|----------------------------|---|--|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | | 300 V |
| Nominal current IN | | 4 A |
| mm ² /AWG/kcmil | | 20 |

| | |
|------------------|---|
| cULus Recognized |  |
|------------------|---|

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>