

Cable connector - CA-19S1N12T0DNS - 1619426

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Cable connector, CA, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 16+3, type of contact: Socket, Solder connection, cable diameter range: 3 mm ... 14.5 mm



The figure shows the 12-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
- Solder connection: proven connection technology for various litz wires



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356824217 |

Technical data

Temperature range

| | |
|---------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
|---------------------|-------------------|

Data of the insulating body

| | |
|--|-------------------|
| Coding | N |
| Insulator material | PA 6.6 |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Insertion/withdrawal cycles mechanical | 100 |
| Contact connection method | Solder connection |

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Technical data

Data of the insulating body

| | |
|---|-------------------|
| Type of contacts | Socket |
| Application | Signal |
| Number of positions | 19 |
| Direction of rotation | Standard |
| Contact diameter of power contacts | 1.5 mm |
| Litz wire cross section of power contacts max. | 1 mm ² |
| Rated current for power contacts | 10 A |
| Rated voltage of power contact | 150 V |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact | 8 A |
| Rated voltage of signal contact | 150 V |
| 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 |

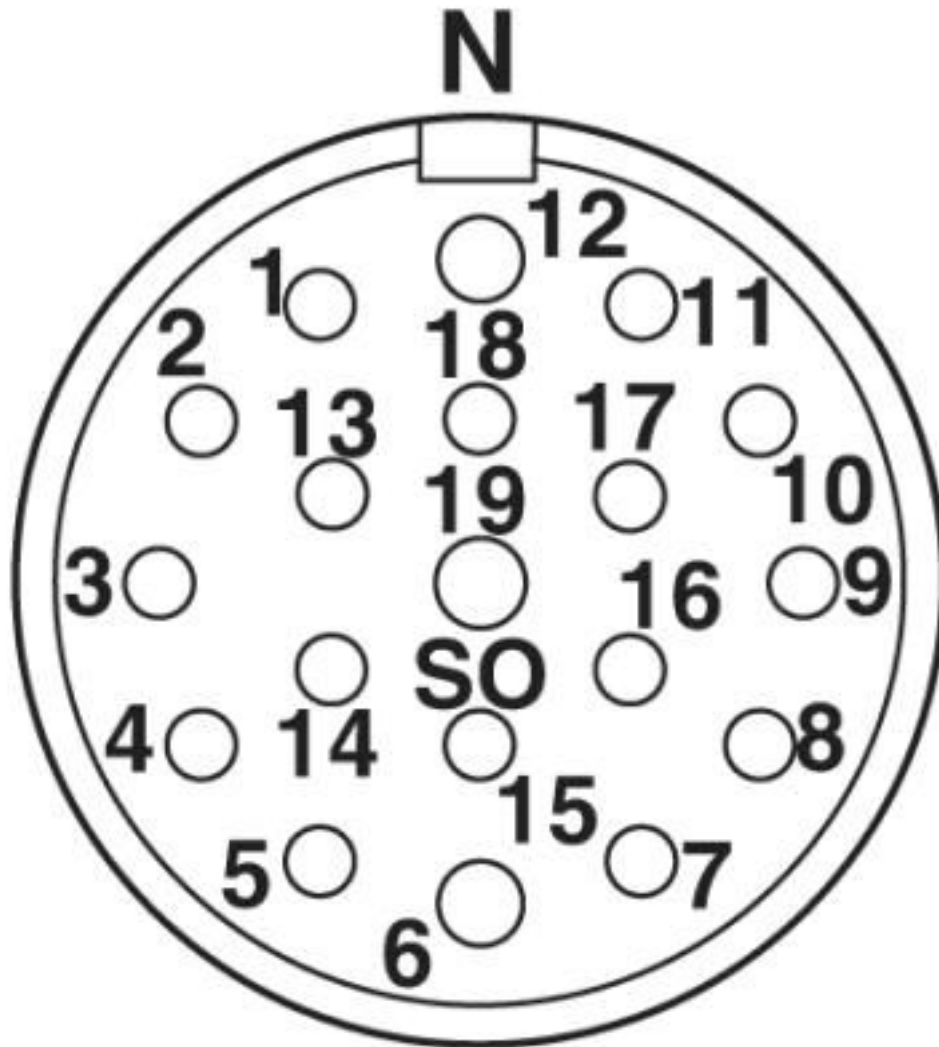
Environmental Product Compliance

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

Drawings

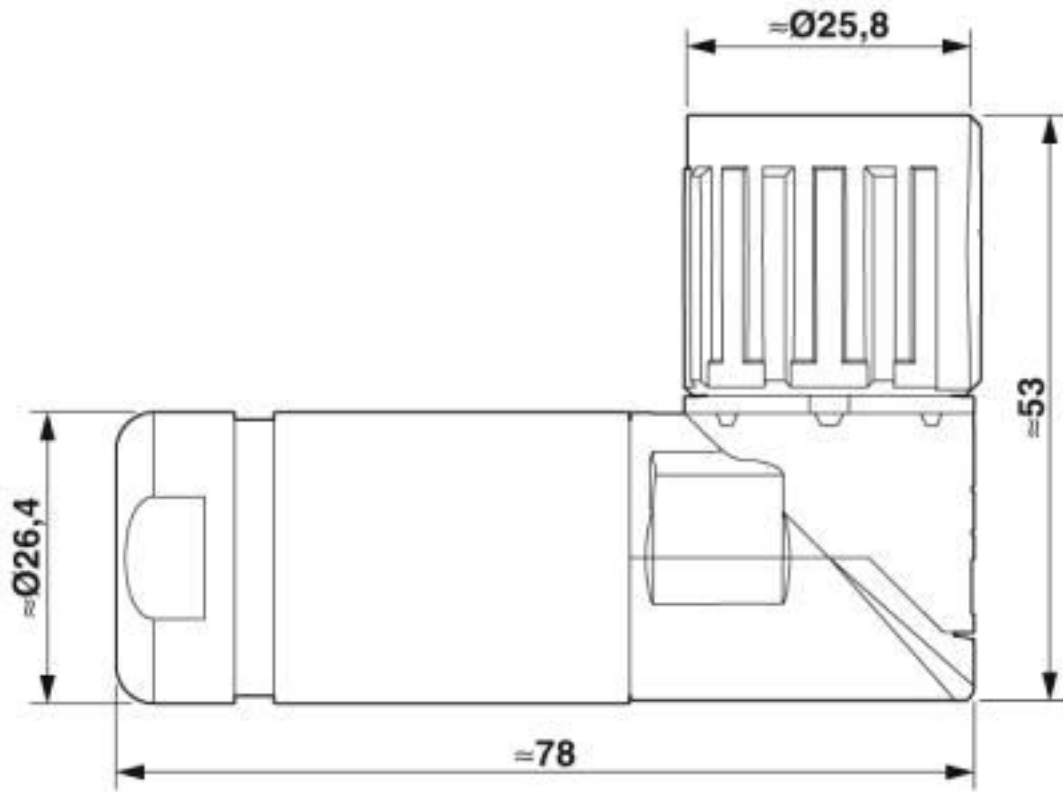
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Schematic diagram



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Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440102 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 |
| ETIM 6.0 | EC002061 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 6.01 | 43172015 |
|-------------|----------|

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | |
|----------------------------|-------|--|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | 150 V | |
| Nominal current IN | 8 A | |
| mm ² /AWG/kcmil | 18 | |

| | | |
|----------------------------|-------|--|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | 150 V | |
| Nominal current IN | 5 A | |
| mm ² /AWG/kcmil | 18 | |

| | | |
|-----|--|---------|
| EAC | | B.01687 |
|-----|--|---------|

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Approvals

cULus Recognized



Accessories

Accessories

Circular connectors (device side)

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

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Accessories

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

Protective cover

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

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



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

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[130203-0054](#) [1300140026](#) [1300150099](#) [RF-12S1N8A90DU](#) [1-3637-600-5205](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [1604232](#)
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