# CA-06P1N122S00 - Device connector front mounting

1619992

https://www.phoenixcontact.com/us/products/1619992

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M23, Device connector front mounting, application: Signal, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives. Alternative products: 1339314

## 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 | 1619992 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAEL |
| GTIN | 4046356820028 |
| Weight per piece (including packing) | 31.8 g |
| Weight per piece (excluding packing) | 24.839 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Circular connectors (device side) |

### Connector

Insulating body

| | |
|---|---|
| Coding | N |
| Material (Insulating body) | PBT |
| Material (Contact) | CuZn |
| Material (Contact surface) | Ni/Au |
| Insertion/withdrawal cycles | 100 |
| Connection method | Solder connection |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 6 |
| Direction of rotation | Standard |
| Connection profile | 6 |
| Number (Contact group 1) | 0 |
| Rated voltage Contact (Contact group 1) | 48 V AC |
| | 74 V DC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Number (Contact group 2) | 6 |
| Contact diameter (Contact group 2) | 2 mm |
| Litz wires Max. cross section (Contact group 2) | 2.5 mm² |
| Rated current Contact (Contact group 2) | 20 A (for max. connection cross section) |

Housing

| | |
|---|---|
| Type | Flange housing |
| Thread type | M23 |
| Design | straight |
| Type of locking | for standard and SPEEDCON interlock |
| Pg screw connection | none |
| Mounting type | Front mounting/square flange (4x Ø 3.2 mm) |
| Flange dimensions | 25 mm x 25 mm |
| Material (Housing) | GD-Zn |
| Degree of protection (plugged in) | IP67 |
| Seal for the device | Flat gasket |

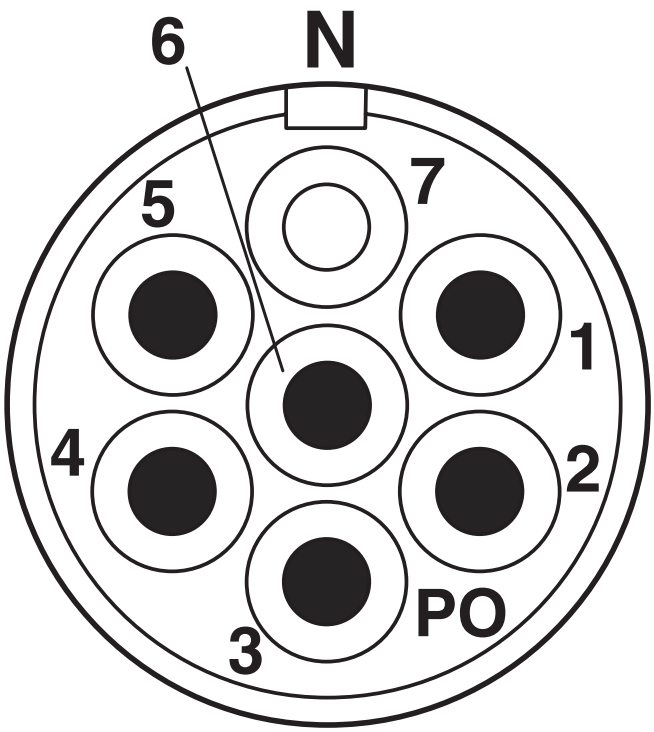
### Environmental and real-life conditions

Ambient conditions

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

## Drawings

Schematic diagram




Connector pin assignment

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1619992

**cUL Recognized**
Approval ID: E335019-20141210

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 48 V | 10 A | 14 | - |

**UL Recognized**
Approval ID: E335019-20141210

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 48 V | 20 A | 14 | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440109 |
| ECLASS-15.0 | 27440109 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC003569 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |


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