

1619917

<https://www.phoenixcontact.com/us/products/1619917>

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243895

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1619917 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAEL |
| Catalog page | Page 330 (C-2-2013) |
| GTIN | 4046356820509 |
| Weight per piece (including packing) | 30.3 g |
| Weight per piece (excluding packing) | 30.3 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

CA-17P1NA22S00 - Device connector front mounting



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Technical data

Product properties

| | |
|------------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Data management status | |
| Article revision | 08 |

Dimensions

| | |
|--------------------------|-------|
| Length of the solder pin | 10 mm |
| | 10 mm |

Connector

Insulating body

| | |
|--------------------------|----------------------|
| Coding | N |
| Insulation body material | PBT |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Connection method | Solder-in connection |
| Contact switching type | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Connection profile | 17 |
| Contact diameter | 1 mm |
| Power contacts | |
| Rated current | 8 A |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Housing

| | |
|-----------------------------------|-------------------------------------|
| Housing material | GD-Zn |
| Flange dimensions | 25 mm x 25 mm |
| Type of locking | for standard and SPEEDCON interlock |
| Pg screw connection | none |
| Degree of protection (plugged in) | IP67 |
| Thread type | M23 |

Environmental and real-life conditions

Ambient conditions

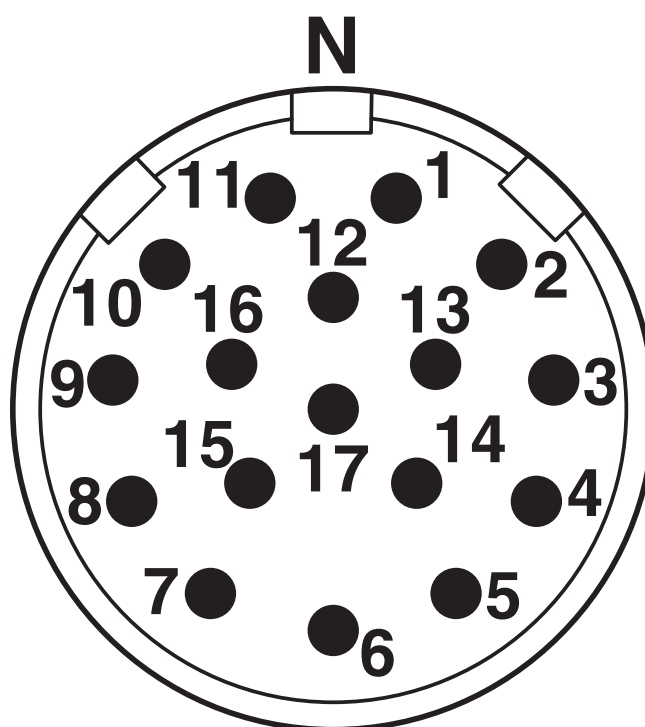
| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

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Drawings

Schematic diagram



Connector pin assignment

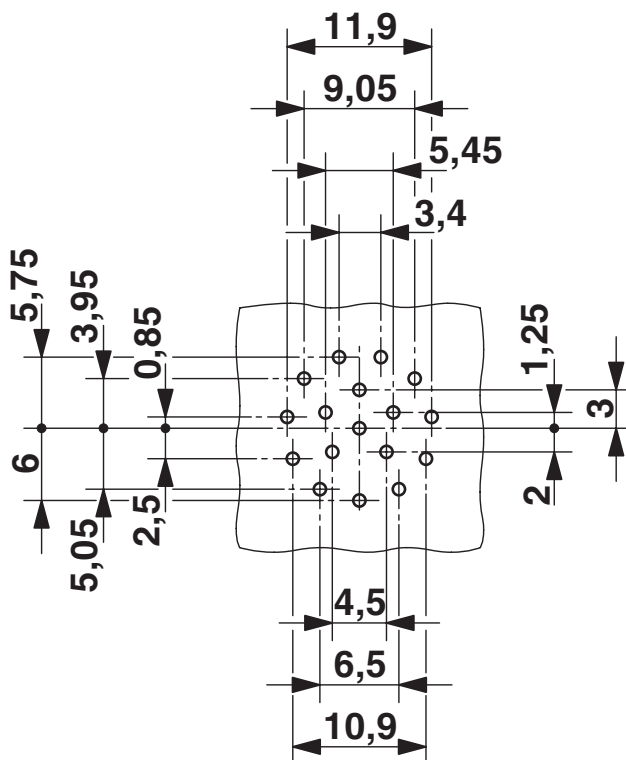
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Drilling plan/solder pad geometry




17-pos.

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619917>

| | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> cUL Recognized Approval ID: E335019-20141210</div> | | | | |
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| | 48 V | 5 A | 18 - 18 | - |

| | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> UL Recognized Approval ID: E335019-20141210</div> | | | | |
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| | 48 V | 8 A | 18 - 18 | - |

| | | | | |
|-------------------------|--|--|--|--|
| 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 |
|----------|----------|

UNSPSC

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

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 | f3311daa-ce1a-46ee-8fa1-61bff6945a91 |