

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

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 documentation. Our general terms of use for downloads are valid.



The figure shows the 6-pos.
product version

M23, Cable connector, application: Signal, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 6 mm ... 10 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: 1340672

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 | 1619719 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB31 |
| Product key | ABRAEA |
| GTIN | 4046356821988 |
| Weight per piece (including packing) | 95.3 g |
| Weight per piece (excluding packing) | 91.78 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

Technical data

Product properties

| | |
|--------------|---------------------------------|
| Product type | Circular connector (cable-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 | 7 |
| Direction of rotation | Standard |
| Connection profile | 7 |
| 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) | 7 |
| Contact diameter (Contact group 2) | 2 mm |
| Litz wires Max. cross section (Contact group 2) | 2.5 mm ² |
| Rated current Contact (Contact group 2) | 20 A |

Housing

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

Seal

| | |
|-------------------------|----------------|
| External cable diameter | 6 mm ... 10 mm |
| Seal material | NBR |

Environmental and real-life conditions

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

CA-07P1N128007 - Cable connector

1619719

<https://www.phoenixcontact.com/us/products/1619719>

Drawings

Schematic diagram



Connector pin assignment

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619719>

|  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 | - |

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440116 |
| ECLASS-15.0 | 27440116 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002635 |
|-----------|----------|

UNSPSC

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

CA-07P1N128007 - Cable connector



1619719

<https://www.phoenixcontact.com/us/products/1619719>

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 | bb7d55a4-5824-42d6-b2d2-2303307a820a |

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com