CA-06P1N8A9006 - Coupler connector

1620142

https://www.phoenixcontact.com/us/products/1620142

PHŒNIX CONTACT

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M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 4 mm ... 6 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244032

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
- · Crimping connection: vibration- and temperature-resistant assembly

Commercial data

| Item number | 1620142 |
|--------------------------------------|--------------------------------|
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB31 |
| Product key | ABRAEG |
| Catalog page | Page 88 (C-2-2019) |
| GTIN | 4046356819022 |
| Weight per piece (including packing) | 87.525 g |
| Weight per piece (excluding packing) | 87.525 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Notes General Order crimp contacts 6 x Ø 2 mm separately Product properties Product type Circular connector (cable-side) Connector Insulating body Note Order information: Order crimp contacts 6 x Ø 2 mm separately Coding Ν Insulation body material PA 6.6 Connection method Crimp connection

| Contact switching type | Pin |
|--|---------------------|
| Application | Signal |
| Number of positions | 6 |
| Direction of rotation | Standard |
| Connection profile | 6 |
| Contact diameter Signal contacts | 2 mm |
| Litz wire cross-section Signal contacts min. | 1 mm ² |
| Litz wire cross-section Signal contacts max. | 2.5 mm ² |
| Nominal current per signal contact | 20 A |
| Rated voltage Signal contact | 48 V AC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Housing

| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
|-----------------------------------|--|
| Type of locking | for standard and SPEEDCON interlock |
| Pg screw connection | none |
| Degree of protection (plugged in) | IP67 |
| Thread type | M23 |

Seal

| External cable diameter | 4 mm 6 mm |
|-------------------------|-----------|
| Seal material | NBR |

Environmental and real-life conditions

Ambient conditions

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

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| Ambient temperature (storage/transport) | 15 °C 25 °C |
|--|-------------|
| Permissible humidity (storage/transport) | 50 % 65 % |





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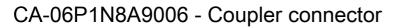
Classifications

ECLASS

| ECLASS-11.0 | 27440102 |
|-------------|----------|
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440116 |

ETIM

| | ETIM 9.0 | EC002635 |
|--------|-------------|----------|
| UNSPSC | | |
| | UNSPSC 21.0 | 39121400 |



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Environmental product compliance

| REACh SVHC | Lead 7439-92-1 |
|------------|---|
| | |
| | |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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