INDUSTRIAL COMPONENT DATA

# CA-12P2N1280DN 1623442 PHOENIX CONTACT Cable connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: CA-12P2N1280DN**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | CA-12P2N1280DN |
| Catalog number | 1623442 |
| Category | Sensor-actuator connector chassis |
| Minimum order | 1 Pcs |
| Document ID | EO-D1CBA1D8F2 |
| Generated | 2026-11-19 |

## Product Overview

Cable connector
Plug-in connector for cables, AC, straight, shielded: yes, Screw lock, M23, No. of poles: 12, contact type: Pin, Solder connection, cable diameter range: 3 mm ... 14.5 mm

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1623442
Packing unit 1
GTIN 4055626148892
Custom tariff number 85366990
Temperature range
Ambient temperature (operation) -40 °C ... 125 °C
Data of the insulating body
Coding N
Insulator material PBT
Contact material CuZn
Contact surface material Ni/Au
Insertion/withdrawal cycles mechanical 100

Contact connection method Solder connection
Type of contacts Pin
Application Signal
Number of positions 12
Contact diameter of power contacts 1 mm
Litz wire cross section of power contacts min. 0.08 mm²
Litz wire cross section of power contacts max. 1 mm²
Nominal current per power contact at 25°C 8 A
Nominal voltage, power contact 150 V
Rated surge voltage 1.5 kV
Overvoltage category II
Degree of pollution 3
Overvoltage category II
Degree of pollution 3
Housing data
Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking Screw 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
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 6.027279200eCl@ss 7.027440103eCl@ss 8.027440103eCl@ss 9.027440102
ETIM 5.0EC002061ETIM 6.0EC002061
UNSPSC 13.239121413

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CA-12P2N1280DN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.