

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-C883E44952
Generated	2026-08-04

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.