

## INDUSTRIAL COMPONENT DATA

# RC-06P1N1280E1 1593176 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-06P1N1280E1



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RC-06P1N1280E1                    |
| Catalog number  | 1593176                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-1639F6E6C1                     |
| Generated       | 2026-08-04                        |

## Product Overview

Cable connector

Plug-in connector for cables, RC, straight, shielded: yes, Screw lock, M23, Pole number: 6, contact type: Pin, Welding connection, cable diameter range: 6.5 mm ... 7.5 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 1593176

Packing unit 1

GTIN 4046356194662

Custom tariff number 85366990

Data of the insulating body

Coding N

Insertion/withdrawal cycles mechanical 50

Contact connection method Solder connection

Type of contacts Pin

Application Signal

Number of positions 6

Litz wire cross section of power contacts min. 0.08 mm<sup>2</sup>

Litz wire cross section of power contacts max. 2.5 mm<sup>2</sup>

Nominal current per power contact at 25°C 20 A

Nominal voltage, power contact 300 V

Rated surge voltage 2.5 kV

Overvoltage category II

Degree of pollution 3

Housing data

Housing material Metal

Type of locking Screw locking

Degree of protection (when plugged in) IP67

Thread type M23

Cable seal data

Cable diameter 6.5 mm ... 7.5 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 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss  
7.027440102eCl@ss 8.027440102eCl@ss 9.027440103

ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC002061

UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC  
13.239121413

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-06P1N1280E1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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