

**INDUSTRIAL COMPONENT DATA**

# HC-28S1N1290DU 1590434 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-28S1N1290DU



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | HC-28S1N1290DU                    |
| Catalog number  | 1590434                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 10 Pcs                            |
| Document ID     | EO-C20F1E61C4                     |
| Generated       | 2026-08-05                        |

## Product Overview

Coupler connector

Plug-in coupling connector, straight, Screw lock, M27, contact type: Female, shielded: yes, protection index: IP67, in plugged state, cable diameter range: 2 mm ... 14.5 mm, number of poles: 28, connection type: Solder connection, series: HC

**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 &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1590434

Packing unit 10 pc

Note Made to Order (non-returnable)

GTIN 4046356187589

Weight per Piece (excluding packing) 92.420 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Type of locking Screw locking

Insertion/withdrawal cycles mechanical 50

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Solder connection

Type of contacts Socket

Number of positions 26

Contact diameter of power contacts 1 mm

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

Litz wire cross section of power contacts max. 1 mm<sup>2</sup>

Nominal current per power contact at 25°C 8 A

Conductor entry 2 mm ... 14.5 mm

Pg housing screw connection none

Ambient conditions

Ambient temperature -20 °C ... 125 °C

Degree of protection IP67, when plugged in

Material

Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Insulator material PA66

Contact material CuZn

Contact surface Nickel-plated, gold coating

Gasket and O-ring material FPM

Specifications according to DIN EN 61984:2001

Installation height max. 2000 m

Nominal / operating voltage of power contacts 150 V

Rated surge voltage of power contacts 1.5 kV

Overvoltage category of power contacts II

Degree of pollution of power contacts 3

Overvoltage category of signal contacts II

Degree of pollution of signal contacts 3

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-28S1N1290DU 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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