

INDUSTRIAL COMPONENT DATA

HC-28P1N12WA00 1590418 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-28P1N12WA00



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-28P1N12WA00
Catalog number	1590418
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-2800CF83BB
Generated	2026-08-06

Product Overview

Device connector, front mounting

Conect. plug. to be apar. front wall, straight, Screw lock, M27, number of poles: 28, contact type: Male, Radial O-ring, 4x Ø 3.2, shielded: yes, protection index: IP67, number of poles: 28, connection type: Solder connection, series: HC, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240155

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 1590418

Packing unit 24 pc

Note Made to Order (non-returnable)

GTIN 4046356187466

Weight per Piece (excluding packing) 44.990 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 Pin

Number of positions 28

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

Pg housing screw connection none

Mounting type 4x Ø 3.2

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 about hazardo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-28P1N12WA00 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.