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-04FCE8BEC3
Generated	2026-11-19

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

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