INDUSTRIAL COMPONENT DATA

CA-09P1N8A6L00 1624024 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: CA-09P1N8A6L00



Manufacturer	PHOENIX CONTACT
MPN / Reference	CA-09P1N8A6L00
Catalog number	1624024
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-64B64C0F8F
Generated	2026-11-19

Product Overview

Device connector, front mounting
M23, Conect. plug. to be apar. front wall, AC, straight, shielded: yes, for standard lock and SPEEDCON, No. of poles: 8+1, Rotation direction: Standard, contact type: Male, Crimped connection, Axial joint, Central fixing M20 x 1.5, positionable by lock nut, coding:N

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 1624024
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 90 (C-2-2017)
GTIN 4055626227337
Weight per Piece (excluding packing) 37.300 g
Custom tariff number 85366990
Country of origin DE (Germany)
Data of the insulating body
Note Order information: Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately
Coding N

Insulator material PA 6.6
Contact connection method Crimp connection
Type of contacts Pin
Application Signal
Number of positions 9
Contact diameter of power contacts 2 mm
Litz wire cross section of power contacts min. 1 mm²
Litz wire cross section of power contacts max. 2.5 mm²
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
Contact diameter of signal contacts 1 mm
Litz wire cross section of signal contacts min. 0.08 mm²
Litz wire cross section of signal contacts max. 1 mm²
Nominal current per signal contact at 25°C 8 A
Nominal voltage, signal contact 300 V
Rated surge voltage 2.5 kV
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 for standard and SPEEDCON interlock
Degree of protection (when plugged in) IP67/IP69K
Thread type M23
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”...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CA-09P1N8A6L00 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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