

INDUSTRIAL COMPONENT DATA

RC-09S1NA24100 1596425 PHOENIX CONTACT Device connector, rear mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-09S1NA24100



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-09S1NA24100
Catalog number	1596425
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-62A91F0A4C
Generated	2026-08-05

Product Overview

Device connector, rear mounting

M23, Conect. plug. to be apar. poster wall, RC, straight, Screw lock, No. of poles: 8+1, Direction of rotation: Standard, contact type: Female, Weld connection, Flat joint, 4xM3, Min. wall thickness: 2.7 mm, Max. wall thickness: 3.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) art.code: 1240777

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 1596425

Packing unit 1

GTIN 4046356211253

Custom tariff number 85366990

Data of the insulating body

Coding N

Insertion/withdrawal cycles mechanical 50

Contact connection method Solder-in connection

Type of contacts Socket

Application Signal

Number of positions 9

Contact diameter of power contacts 2 mm
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
Nominal current per signal contact at 25°C 8 A
Nominal voltage, signal contact 300 V
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
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 4.0272607xeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027279200eCl@ss
7.027440103eCl@ss 8.027440103eCl@ss 9.027440102
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC001121
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC
13.239121413
ETIM for 1596425 Connectors (EC003569)
Feature Name
Feature Value
With shield connection (EF002535)
No
With PE-connection (EF005600)
No
Inflammability class of insulation materia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-09S1NA24100 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.