

INDUSTRIAL COMPONENT DATA

RC-12S1N1290T1 1598743 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12S1N1290T1



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-12S1N1290T1
Catalog number	1598743
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-A9ED4FAC64
Generated	2026-08-06

Product Overview

Coupler connector

M23, Plug-in coupling connector, RC, straight, shielded: yes, Screw lock, No. of poles: 12, Direction of rotation: Standard, contact type: Female, Solder connection, cable diameter range: 7.5 mm ... 9.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1241062

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 1598743

Packing unit 1

GTIN 4046356222273

Custom tariff number 85366990

Data of the insulating body

Coding N

Insertion/withdrawal cycles mechanical 50

Contact connection method Solder connection

Type of contacts Socket

Application Signal

Number of positions 12

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
Nominal voltage, power contact 150 V
Rated surge voltage 1.5 kV
Overvoltage category II
Degree of pollution 3
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
Cable seal data
Cable diameter 7.5 mm ... 9.5 mm
Sealing material NBR
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 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440102eCl@ss 8.027440102eCl@ss 9.027440103
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC002061
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC
13.239121413

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12S1N1290T1 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.