INDUSTRIAL COMPONENT DATA

RC-63S1N12K0W1 1603734 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-63S1N12K0W1



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-63S1N12K0W1
Catalog number	1603734
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-A760D169EB
Generated	2026-11-19

Product Overview

Cable connector
Plug-in connector for cables, RC, Straight, plastic coated, shielded: yes, Screw lock, M23, No. of poles: 6+3, contact type: Female, Solder connection, cable diameter range: 9.5 mm ... 10.5 mm

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 1603734
Packing unit 1
GTIN 4046356246859
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 9
Contact diameter of power contacts 2 mm

Litz wire cross section of power contacts min. 0.08 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 150 V
Rated surge voltage 1.5 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 150 V
Overvoltage category II
Degree of pollution 3
Housing data
Note Order information: Order contact inserts and cable clamping/shield accessories separately
Housing material Metal
Type of locking Screw locking
Degree of protection (when plugged in) IP67
Thread type M23
Cable seal data
Cable diameter 9.5 mm ... 10.5 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 7.0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-63S1N12K0W1 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.