INDUSTRIAL COMPONENT DATA

# RC-63S1N12Y31B 1603757 PHOENIX CONTACT M23, Plug-in connector for front wall appliances with knurled nut, se..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-63S1N12Y31B**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RC-63S1N12Y31B |
| Catalog number | 1603757 |
| Category | Circular connector, mounting (without cable) |
| Minimum order | 40 Pcs |
| Document ID | EO-AED539BD13 |
| Generated | 2026-11-18 |

## Product Overview

M23, Plug-in connector for front wall appliances with knurled nut, series: RC, straight, shielded: no, Screw lock, No. of poles: 6+3, Direction of rotation: Standard, contact connection type: Female, Solder cup, Flat joint, 4x Ø 3.2, coding: N

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1603757
Packing unit 1
GTIN 4046356246965
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
Degree of protection (when plugged in) IP67
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 5.127260701eCl@ss 6.027260708eCl@ss 7.027440312eCl@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

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-63S1N12Y31B 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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