

INDUSTRIAL COMPONENT DATA

FL-PP-RJ45-SCC 2901642 PHOENIX CONTACT Patch panel, one RJ45 socket to 8 spring-cage connection terminal blo..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FL-PP-RJ45-SCC



Manufacturer	PHOENIX CONTACT
MPN / Reference	FL-PP-RJ45-SCC
Catalog number	2901642
Category	Patch panel copper (twisted pair)
Minimum order	10 Pcs
Document ID	EO-CD5B811C5D
Generated	2026-07-29

Product Overview

Patch panel, one RJ45 socket to 8 spring-cage connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers

Patch panel, one RJ45 female connector in 8 spring-force connection terminals (1:1 arrangement), CAT5e, 10/100/1000 MBit/s, DIN rail adapter, IP20, DIN rail protection contact via jumper

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 > Safety

Additional Product Information

Technical dataNotesNote on application

Note on application Only for industrial use

Utilization restriction

CCCex note Use in potentially explosive areas is not permitted in China.

Product propertiesProduct type Patch panel

MTBF 6702 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))

2962 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

Data management status

Article revision 09

Connection dataConnection method Spring-cage connection

InterfacesData: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

Serial transmission speed 10/100/1000 Mbps

Connection method Spring-cage connection

No. of channels 1

Pin assignment 1:1

Transmission length 100 m (including patch cables)

Single conductor/terminal point, rigid 0.2 mm² ... 1.5 mm²

Single-wire/terminal point, flexible 0.2 mm² ... 1 mm²

Single-wire/terminal point, rigid AWG max. 16

Single-wire/terminal point, rigid AWG min. 24

Data: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

Connection method RJ45 CAT5e

No. of channels 1

DimensionsDimensional drawing

Width 29 mm

Height 90 mm

Depth 53 mm

Material specificationsColor (Housing) green (RAL 6021)

Material (Housing) PVC / PA

Cable/lineExternal cable diameter 6 mm ... 10 mm

Cable impedance 100 ?

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≤ 2500

Environmental and real-life conditionsAmbient conditions

Degree of protection IP2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FL-PP-RJ45-SCC 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.