# FL-PP-RJ45-SCC/SC045 - Patch panel

2904577

https://www.phoenixcontact.com/us/products/2904577

**PHŒNIX CONTACT**

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Cable sharing module, two RJ45 jacks with Ethernet assignment (cable outlet on the top) to 8 spring-cage connection terminal blocks, CAT5e, 10/100 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers

## Product description

Ethernet patch panels enable quick and easy connection between the field cabling and control cabinet cabling. The passive termination panels are a convenient alternative to the on-site assembly of RJ45 connectors.

## Your advantages

- Safe shield connection to ground potential
- CAT5e
- 10/100 Mbps
- Mounting on a DIN rail
- Cable sharing adapter
- Y adapter
- Easy use of one cable for various services
- Optional shield connection via jumpers

## Commercial data

| | |
|---|---|
| Item number | 2904577 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN07 |
| Product key | DNC331 |
| Catalog page | Page 363 (C-6-2019) |
| GTIN | 4046356864541 |
| Weight per piece (including packing) | 99.7 g |
| Weight per piece (excluding packing) | 106.4 g |
| Customs tariff number | 85369010 |
| Country of origin | US |

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## Technical data

### Product properties

| Product type | Patch panel |
|---|---|

Insulation characteristics

| Insulation | Basic insulation |
|---|---|

Insulation characteristics: Air clearances and creepage distances

| Insulation | Basic insulation |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |

### Electrical properties

Air clearances and creepage distances

| Rated insulation voltage | 50 V |
|---|---|
| Rated surge voltage | 0.5 kV |

### Interfaces

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

| Serial transmission speed | 10/100 Mbps |
|---|---|
| Connection method | Spring-cage connection |
| No. of channels | 1 |
| Pin assignment | 1, 2, 3, 6 |
| | 4, 5, 7, 8 |
| 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, 10/100Base-T(X) in accordance with IEEE 802.3

| Connection method | RJ45 CAT5e |
|---|---|
| No. of channels | 1 |
| Pin assignment | 1, 2, 3, 6 |
| | 1, 2, 3, 6 |

### Dimensions

| Width | 56 mm |
|---|---|
| Height | 90 mm |
| Depth | 51 mm |

### Material specifications

| Color (Housing) | green (RAL 6021) |
|---|---|

## Cable/line

| | |
|---|---|
| External cable diameter () | 6 mm ... 10 mm |
| Cable impedance | 100 Ω |

## Mechanical properties

### Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≤ 200 |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -10 °C ... 50 °C |

## Approvals

### Corrosive gas test

| | |
|---|---|
| Identification | ISA-S71.04-1985 G3 Harsh Group A |

## Standards and regulations

### Air clearances and creepage distances

| | |
|---|---|
| Standards/regulations | DIN EN 50178 |

## Mounting

| | |
|---|---|
| Mounting type | DIN rail mounting |
| Mounting position | any |

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## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 19170112 |
| ECLASS-12.0 | 19170112 |
| ECLASS-13.0 | 19170112 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC002697 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 43223300 |

## Environmental product compliance

| China RoHS | Environmentally Friendly Use Period = 50 years |
| --- | --- |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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