

FL-PP-RJ45/RJ45-B - Patch panel

2904933

<https://www.phoenixcontact.com/us/products/2904933>

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Patch panel, narrow overall width, extended temperature range, two RJ45 jacks, 1:1 assignment, all-around shield, CAT5, 10/100 Mbps, DIN rail adapter, IP20

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

- CAT5e
- Mounting on a DIN rail
- 10/100 Mbps
- Easy and convenient extension for RJ45 cable
- 1:1 connection
- Extended temperature range of -40 °C ... 85 °C
- PoE-capable in accordance with IEEE 802.3bt, type 4
- Slim design



Commercial data

| | |
|------------------------|---------|
| Item number | 2904933 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | DN07 |
| Product key | DNC331 |

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| | |
|--------------------------------------|---------------|
| GTIN | 4046356900836 |
| Weight per piece (including packing) | 40.8 g |
| Weight per piece (excluding packing) | 40 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

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Technical data

Notes

Note on application

| | |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

Product properties

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

Interfaces

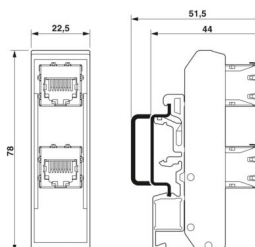
Data: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

| | |
|-------------------------------|--------------------------------|
| Serial transmission speed | 10/100 Mbps |
| Connection method | RJ45 jack |
| Note on the connection method | CAT5 |
| No. of channels | 1 |
| Pin assignment | 1:1 |
| Transmission length | 100 m (including patch cables) |

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

| | |
|-------------------|-----------|
| Connection method | RJ45 CAT5 |
| No. of channels | 1 |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 22.5 mm |
| Height | 78 mm |
| Depth | 44 mm |

Material specifications

| | |
|--------------------|------------------|
| Color (Housing) | green (RAL 6021) |
| Material (Housing) | PA 6.6-FR |

Cable/line

| | |
|-----------------|-------|
| Cable impedance | 100 Ω |
|-----------------|-------|

Mechanical properties

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Mechanical data

| | |
|-----------------------------|--------|
| Insertion/withdrawal cycles | ≤ 2500 |
|-----------------------------|--------|

Mechanical tests

| | |
|--|---|
| Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6 | Vibration (operation): 5g, 10...150 Hz, 2.5 h, in XYZ direction |
| Shock in accordance with EN 60068-2-27/IEC 60068-2-27 | Shock (operation): 25g, 11 ms period, half-sine shock pulse |

Environmental and real-life conditions

Ambient conditions

| | |
|---|--------------------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -40 °C ... 85 °C |
| Permissible humidity (operation) | 25 % ... 95 % (non-condensing) |

Approvals

Corrosive gas test

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

Mounting

| | |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

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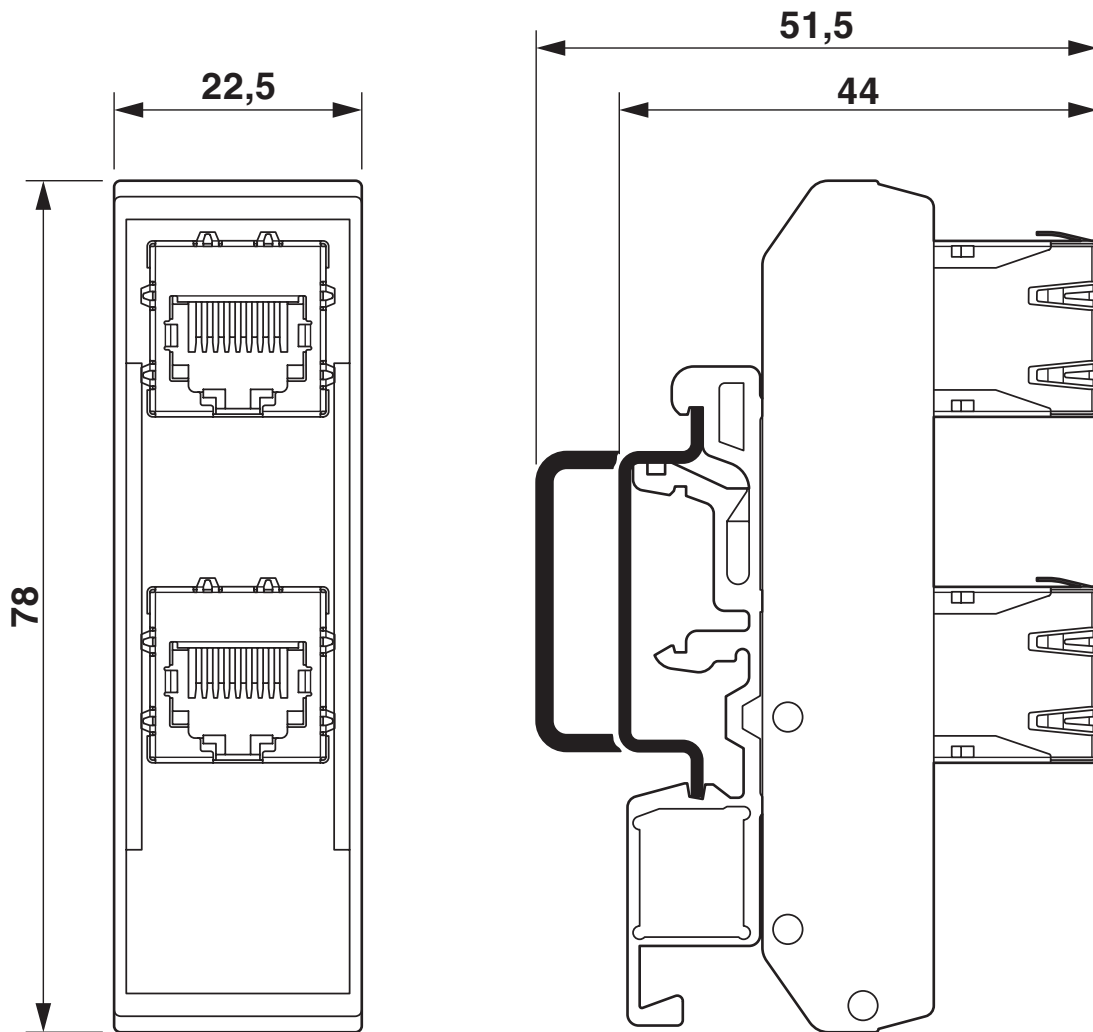
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Drawings

Dimensional drawing



Slim design

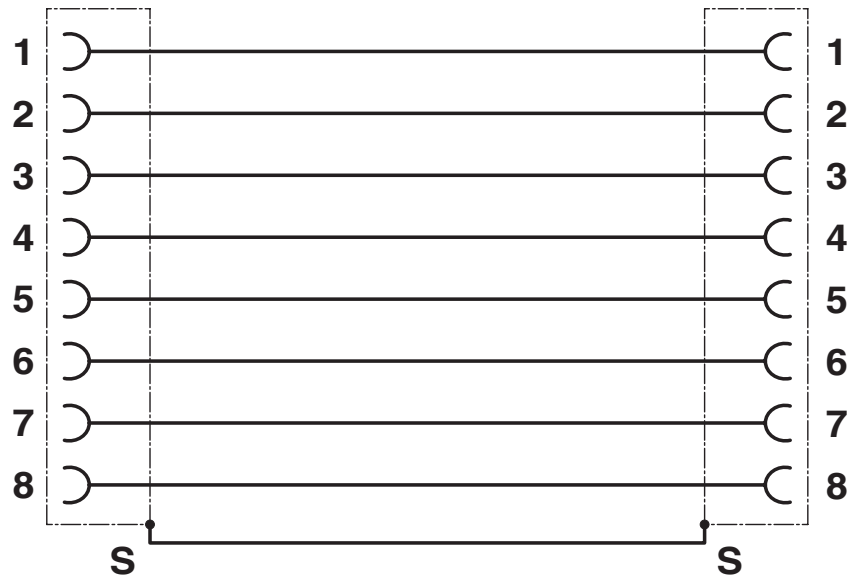
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Block diagram



Circuit diagram

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 19170112 |
| ECLASS-15.0 | 19170112 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001128 |
|-----------|----------|

UNSPSC

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

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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