

Patch panels - FL-PP-RJ45/RJ45-B - 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



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 046356 900836 |
| GTIN | 4046356900836 |
| Weight per Piece (excluding packing) | 42.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

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Technical data

Dimensions

| | |
|---------|-------------|
| Caption | Slim design |
| Width | 22.5 mm |
| Height | 78 mm |
| Depth | 44 mm |

Ambient conditions

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

General

| | |
|------------------|-------------------|
| Mounting type | DIN rail mounting |
| Net weight | 40 g |
| Housing material | PA 6.6-FR |
| Color | green |

Interfaces

| | |
|---------------------------|--|
| Interface 1 | Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3 |
| No. of ports | 1 |
| Connection method | RJ45 CAT5 |
| Transmission length | 100 m (including patch cables) |
| Pin assignment | 1:1 |
| Serial transmission speed | 10/100 Mbps |
| Interface 2 | Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3 |
| No. of ports | 1 |
| Connection method | RJ45 CAT5 |

Conformance/approvals

| | |
|----------------|----------------------------------|
| Designation | Corrosive gas test |
| Identification | ISA-S71.04-1985 G3 Harsh Group A |

Standards and Regulations

| | |
|--------------|--|
| Type of test | Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 |
| Test result | 5g, 10...150 Hz, 2.5 h, in XYZ direction |
| Type of test | Shock in acc. with EN 60068-2-27/IEC 60068-2-27 |
| Test result | 25g, 11 ms period, half-sine shock pulse |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|

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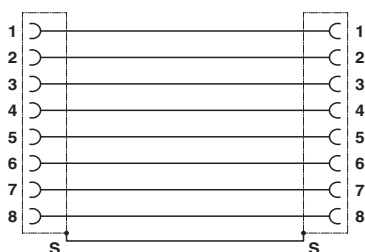
Technical data

Environmental Product Compliance

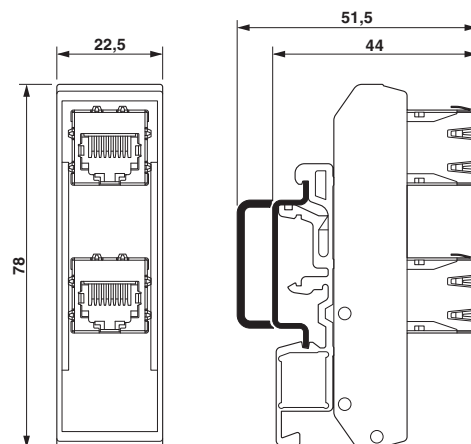
| | |
|--|--|
| | No hazardous substances above threshold values |
|--|--|

Drawings

Block diagram



Dimensional drawing



Slim design

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 19170112 |
| eCl@ss 11.0 | 19170112 |
| eCl@ss 4.0 | 27230200 |
| eCl@ss 4.1 | 27230200 |
| eCl@ss 5.0 | 27230200 |
| eCl@ss 5.1 | 27230200 |
| eCl@ss 6.0 | 19170100 |
| eCl@ss 7.0 | 19170112 |
| eCl@ss 9.0 | 19170112 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000313 |
| ETIM 4.0 | EC001128 |
| ETIM 6.0 | EC002599 |

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11 | 39121008 |
| UNSPSC 12.01 | 39121008 |
| UNSPSC 13.2 | 26121604 |
| UNSPSC 18.0 | 43223309 |
| UNSPSC 19.0 | 43223309 |
| UNSPSC 20.0 | 43223309 |
| UNSPSC 21.0 | 43223309 |

Accessories

Accessories

Data cable preassembled

Patch cable - NBC-R4AC/1,0-93B/R4AC - 1408968



Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 4, 100 Mbps, CAT5, material: PA 6.6, PROFINET

Patch cable - NBC-R4AC/2,0-93B/R4AC - 1408969



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 4, 100 Mbps, CAT5, material: PA 6.6, PROFINET

Data plug

Assembly tool - FL CRIMPTOOL - 2744869



Crimping pliers, for assembling the RJ45 plugs FL PLUG RJ45..., for assembly on site

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Accessories

RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

RJ45 connector - VS-08-RJ45-5-Q/IP20 BK - 1658008



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: black, Ethernet

RJ45 connector - VS-PN-RJ45-5-Q/IP20 - 1658435



RJ45 connector, degree of protection: IP20, number of positions: 4, 100 Mbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, cable outlet: straight, color: traffic grey A RAL 7042, PROFINET

Network isolator

Network isolator - FL ISOLATOR 100-RJ/SC - 2313928



Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 100 Mbps. Connection using RJ45 and COMBICON plug-in screw terminal block.

Network isolator - FL ISOLATOR 100-RJ/RJ - 2313931



Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 100 Mbps. Possible to connect two RJ45 plugs.

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Accessories

Network isolator - FL ISOLATOR 1000-RJ/RJ - 2313915



Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 1 Gbps. Possible to connect two RJ45 plugs.

Patch cable

Patch cable - FL CAT5 PATCH 0,3 - 2832250



Patch cable, CAT5, assembled, 0.3 m

Patch cable - FL CAT5 PATCH 0,5 - 2832263



Patch cable, CAT5, assembled, 0.5 m

Patch cable - FL CAT5 PATCH 1,0 - 2832276



Patch cable, CAT5, assembled, 1 m

Patch cable - FL CAT5 PATCH 1,5 - 2832221



Patch cable, CAT5, assembled, 1.5 m

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Accessories

Patch cable - FL CAT5 PATCH 2,0 - 2832289



Patch cable, CAT5, assembled, 2 m

Patch cable - FL CAT5 PATCH 3,0 - 2832292



Patch cable, CAT5, assembled, 3 m

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407



Stripping tool, for the multi-level stripping of shielded cables

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