

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

2904933

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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
Sales key	DN07
Product key	DNC331
Catalog page	Page 363 (C-6-2019)
GTIN	4046356900836
Weight per piece (including packing)	40.43 g
Weight per piece (excluding packing)	40 g
Customs tariff number	85366990
Country of origin	US

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

2904933

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



Technical data

Product properties

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

Interfaces

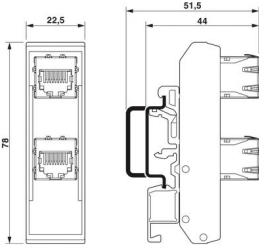
Data: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

Serial transmission speed	10/100 Mbps
Connection method	RJ45 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

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

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



2904933

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

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
---------------	-------------------

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

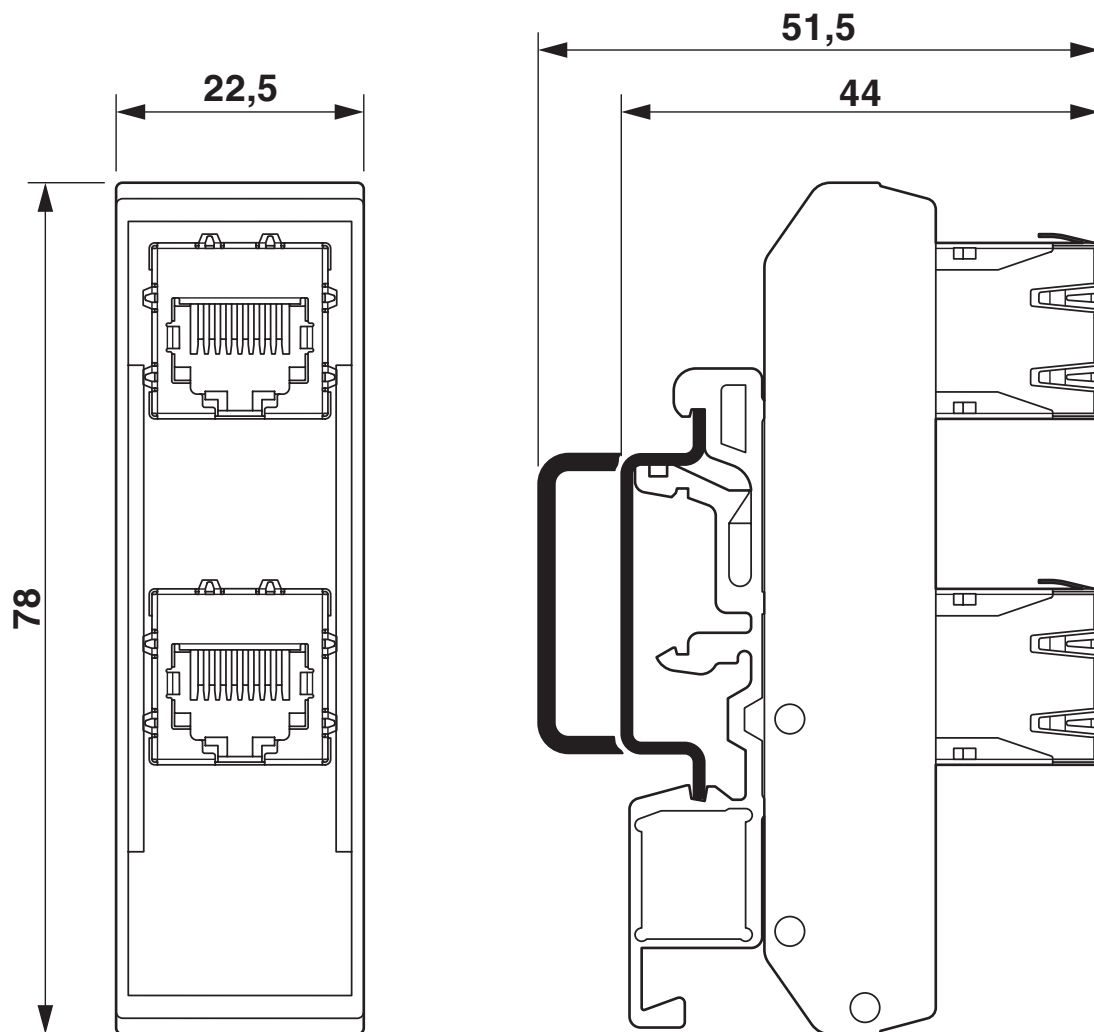
2904933

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



Drawings

Dimensional drawing



Slim design

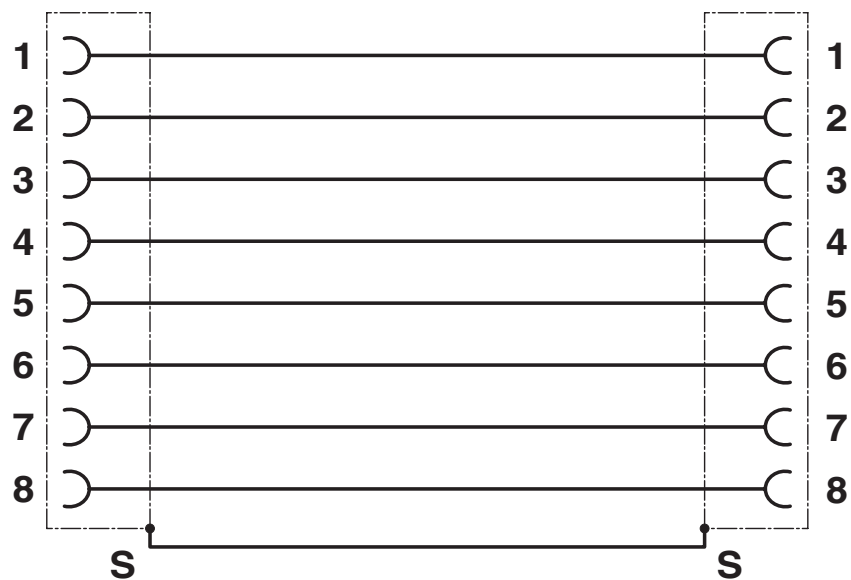
FL-PP-RJ45/RJ45-B - Patch panel

2904933

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



Block diagram



Circuit diagram

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



2904933

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

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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



2904933

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

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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

2904933

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



Accessories

FL CRIMPTOOL - Assembly tool

2744869

<https://www.phoenixcontact.com/us/products/2744869>

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



FL ISOLATOR 100-RJ/RJ - Network isolator

2313931

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



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

2904933

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



FL ISOLATOR 1000-RJ/RJ - Network isolator

2313915

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

FL CAT5 PATCH 0,3 - Patch cable

2832250

<https://www.phoenixcontact.com/us/products/2832250>



Patch cable, CAT5, assembled, 0.3 m

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

2904933

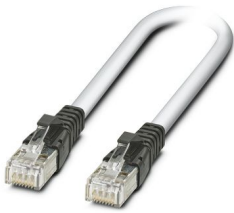
<https://www.phoenixcontact.com/us/products/2904933>



FL CAT5 PATCH 0,5 - Patch cable

2832263

<https://www.phoenixcontact.com/us/products/2832263>



Patch cable, CAT5, assembled, 0.5 m

FL CAT5 PATCH 1,0 - Patch cable

2832276

<https://www.phoenixcontact.com/us/products/2832276>



Patch cable, CAT5, assembled, 1 m

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

2904933

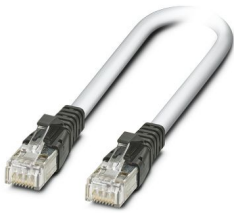
<https://www.phoenixcontact.com/us/products/2904933>



FL CAT5 PATCH 1,5 - Patch cable

2832221

<https://www.phoenixcontact.com/us/products/2832221>



Patch cable, CAT5, assembled, 1.5 m

FL CAT5 PATCH 2,0 - Patch cable

2832289

<https://www.phoenixcontact.com/us/products/2832289>



Patch cable, CAT5, assembled, 2 m

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

2904933

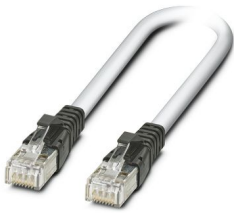
<https://www.phoenixcontact.com/us/products/2904933>



FL CAT5 PATCH 3,0 - Patch cable

2832292

<https://www.phoenixcontact.com/us/products/2832292>



Patch cable, CAT5, assembled, 3 m

VS-CABLE-STRIP-VARIO - Stripping tool

1657407

<https://www.phoenixcontact.com/us/products/1657407>



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

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

2904933

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



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

1656725

<https://www.phoenixcontact.com/us/products/1656725>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

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

1658008

<https://www.phoenixcontact.com/us/products/1658008>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 23, cable outlet: straight, color: black, Ethernet

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

2904933

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



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

1408968

<https://www.phoenixcontact.com/us/products/1408968>



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

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

1408969

<https://www.phoenixcontact.com/us/products/1408969>



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

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

2904933

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



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

1658435

<https://www.phoenixcontact.com/us/products/1658435>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 4, 100 Mbps, CAT5, material: Plastic, connection method: Insulation displacement connection, cable outlet: straight, color: traffic grey A RAL 7042, PROFINET

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com