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

2904577

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

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

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type

Product type	Patch panel

Data management status

Article revision	03

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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Drawings

Circuit diagram

1MΩ   **1nF**
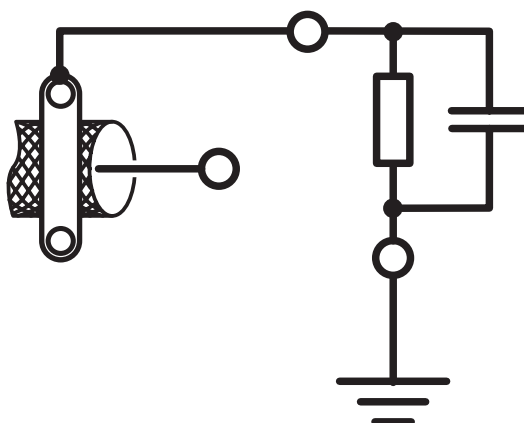
Circuit diagram
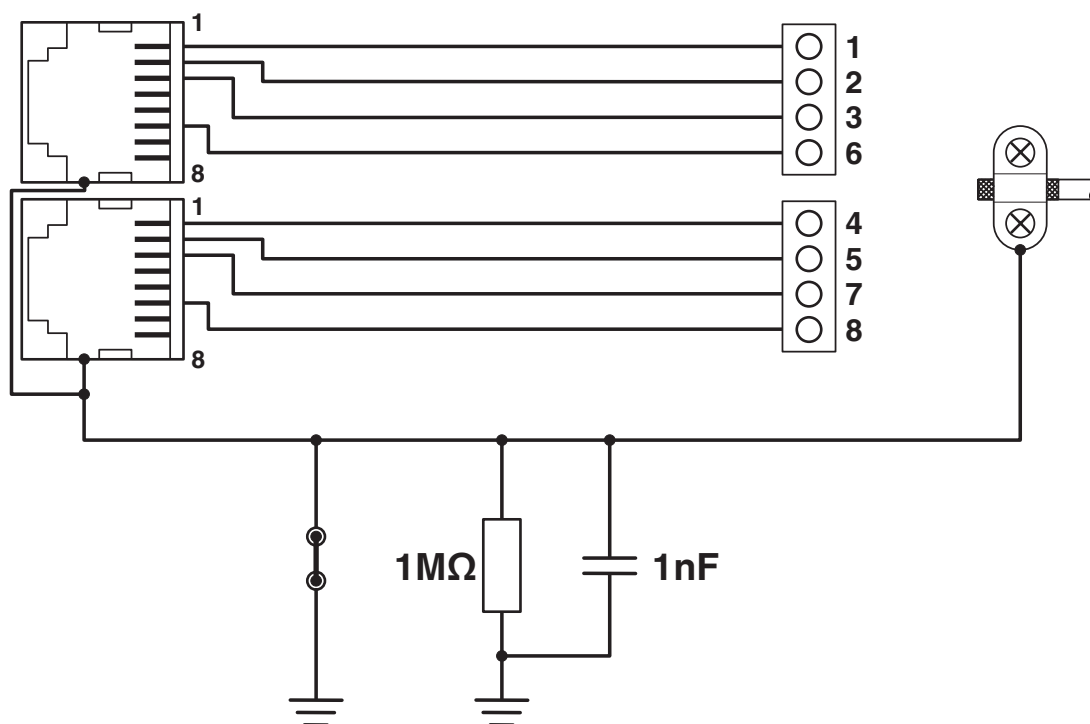
Circuit diagram

Circuit diagram

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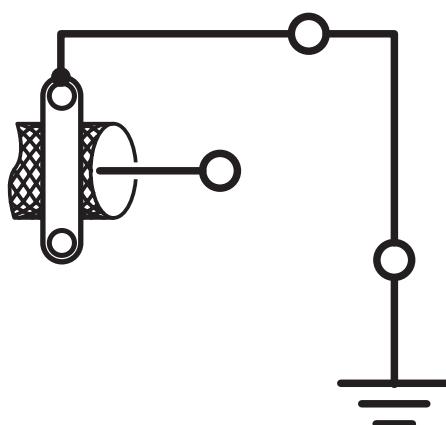
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001128

UNSPSC

UNSPSC 21.0	43223300

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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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

VS-OE-OE-93E-100,0 - Data cable

1416295

https://www.phoenixcontact.com/us/products/1416295

Data cable, Ethernet CAT5 (100 Mbps), 4-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: 100 m

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

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

SZF 0-0,4X2,5 - Screwdriver

1204504

https://www.phoenixcontact.com/us/products/1204504

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

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-SCC/SC045 - Patch panel

2904577

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

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-SCC/SC045 - Patch panel

2904577

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

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-SCC/SC045 - Patch panel

2904577

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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-SCC/SC045 - Patch panel

2904577

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

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-SCC/SC045 - Patch panel

2904577

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

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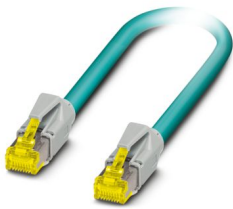
FL-PP-RJ45-SCC/SC045 - Patch panel

2904577

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

NBC-R4AC-R4AC-IE8A/.../... - Patch cable

1411854

https://www.phoenixcontact.com/us/products/1411854

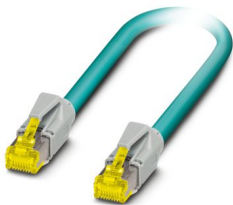Patch cable, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6$_A$, cable outlet: straight, Ethernet

NBC-R4AC/10G-R4AC/10G-94F/2,0 - Patch cable

1408360

https://www.phoenixcontact.com/us/products/1408360

Patch cable, CAT6$_A$, 4-pair, shielded, connection not crossed (line), assembled at both ends with RJ45/IP20 connectors, outer sheath material: PUR, length: 2.0 m
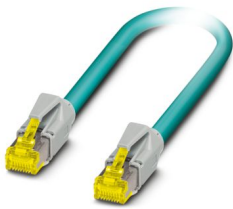
FL-PP-RJ45-SCC/SC045 - Patch panel

2904577

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

NBC-R4AC/10G-R4AC/10G-94F/3,0 - Patch cable

1408365

https://www.phoenixcontact.com/us/products/1408365

Patch cable, CAT6$_A$, 4-pair, shielded, connection not crossed (line), assembled at both ends with RJ45/IP20 connectors, outer sheath material: PUR, length: 3.0 m

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

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

2904577

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

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

VS-08-RJ45-10G/Q - RJ45 connector

1419001

https://www.phoenixcontact.com/us/products/1419001

RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, $CAT6_A$, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 24, cable outlet: straight, color: black, Ethernet

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

2904577

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

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

FL DIN RA - DIN rail adapter

2891053

https://www.phoenixcontact.com/us/products/2891053

The FL DIN RA is installed in a standard, 19-inch rack (EIA-310-D, IEC 60297-3-100) to allow DIN rail mounted equipment to be rack mounted.