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

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
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

Technical data

Notes

Note on application

Note on application	Only for industrial use

Interfaces

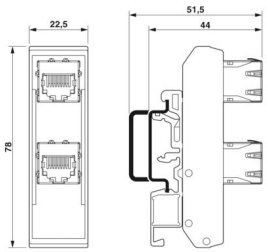
Data: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

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

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

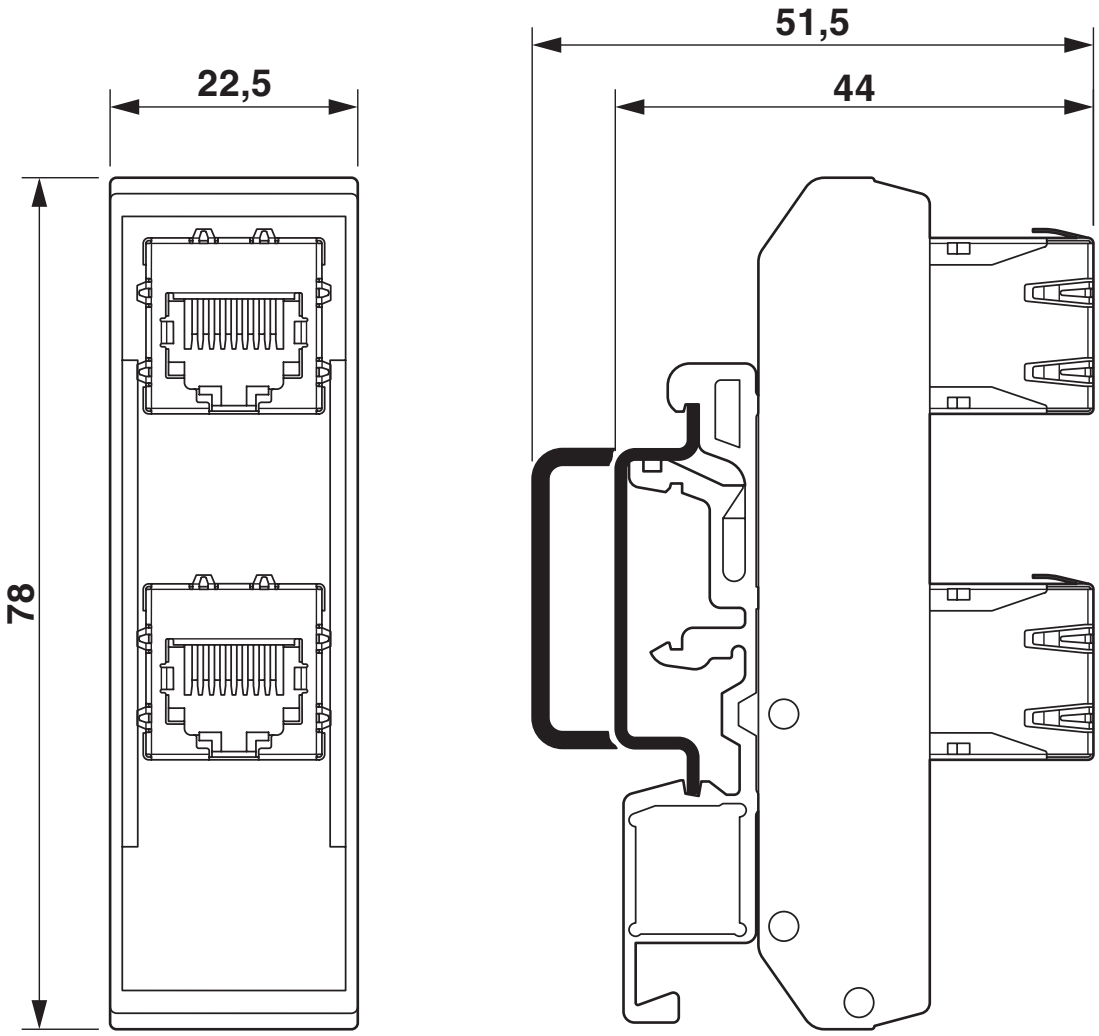
Identification	ISA-S71.04-1985 G3 Harsh Group A

Mounting

Mounting type	DIN rail mounting

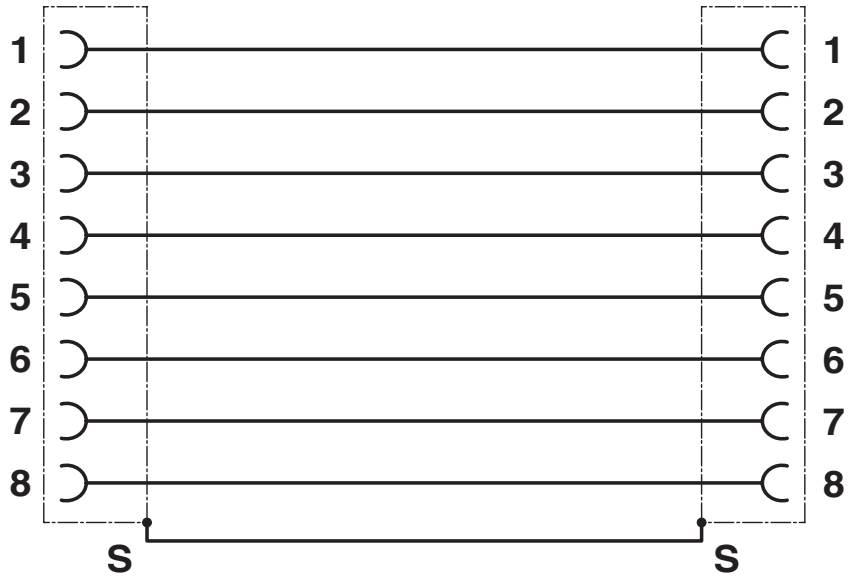
Drawings

Dimensional drawing



Slim design

Block diagram



Circuit diagram

Classifications

ECLASS

ECLASS-13.0	19170112
ECLASS-15.0	19170112

ETIM

ETIM 10.0	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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com