FL-PP-RJ45-LSA - Patch panel

2901645

https://www.phoenixcontact.com/us/products/2901645

PHŒNIX CONTACT

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Patch panel, one RJ45 jack to 8 LSA connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail adapter, IP20, option of shield contacting to the DIN rail via bridges

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
- Mounting on a DIN rail
- 10/100/1000 Mbps
- Optional shield connection via jumpers
- Shipbuilding approval in accordance with DNV GL
- PoE-capable in accordance with IEEE 802.3bt, type 4

Commercial data

Item number	2901645
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	DN07
Product key	DNC331
Catalog page	Page 363 (C-6-2019)
GTIN	4046356622790
Weight per piece (including packing)	54.218 g
Weight per piece (excluding packing)	56 g
Customs tariff number	85366990
Country of origin	US

Technical data

Product properties

Product type	Patch panel
MTBF	6702 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	2962 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

Connection data

Connection method	LSA-PLUS

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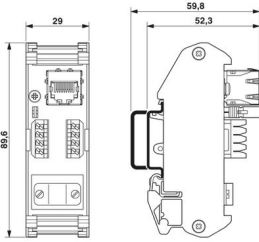
Data: Ethernet interface, 10/100/1000Base-T(X) in accordance with IEEE 802.3

Serial transmission speed	10/100/1000 Mbps
Connection method	LSA
No. of channels	1
Pin assignment	1:1
Transmission length	100 m (including patch cables)
Single conductor/terminal point, rigid	0.128 mm² ... 0.325 mm²
Single-wire/terminal point, flexible	0.128 mm² ... 0.325 mm²
Single-wire/terminal point, rigid AWG max.	22
Single-wire/terminal point, rigid AWG min.	26

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

Connection method	RJ45 CAT5e
No. of channels	1

Dimensions

Dimensional drawing	
Width	29 mm
Height	90 mm
Depth	53 mm

Material specifications

Color (Housing)	green (RAL 6021)
Material Housing	PVC / PA

Cable/line

External cable diameter ()	6 mm ... 10 mm
Cable impedance	100 Ω

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≤ 2500

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Ambient temperature (assembly)	-10 °C ... 70 °C
Permissible humidity (operation)	25 % ... 95 % (non-condensing)

Approvals

EAC

Identification	EAC

Corrosive gas test

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

Shipbuilding

Identification	DNV GL

DNV GL data

Temperature	B
Humidity	A
Vibration	A
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

Mounting

Mounting type	DIN rail mounting
Connection method	LSA-PLUS

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