

Patch panels - FL-PP-RJ45-LSA - 2901645

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Patch panel, one RJ45 socket to 8 IDC connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers

Product Features

- Safe shield connection to ground potential
- CAT5e
- Mounting on a DIN rail
- 10/100/1000 Mbps
- Optional shield connection via jumpers



Ethernet



Distributed Network Protocol

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	80.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Width	29 mm
Height	90 mm
Depth	53 mm

Ambient conditions

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

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Technical data

General

Net weight	58.6 g
Housing material	PVC / PA
Color	green
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))

Serial interface

Interface 1	Ethernet interface, 10/100/1000Base-T(X) according to IEEE 802.3u
Connection method	LSA
Transmission length	100 m (including patch cables)
Conductor cross section solid min.	0.128 mm ²
Conductor cross section solid max.	0.325 mm ²
Conductor cross section flexible min.	0.128 mm ²
Conductor cross section flexible max.	0.325 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	22
Pin assignment	1:1
Serial transmission speed	10/100/1000 Mbps
Interface 2	Ethernet interface, 10/100/1000Base-T(X) according to IEEE 802.3u
Connection method	RJ45 CAT5e

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

Classifications

eCl@ss

eCl@ss 4.0	27250591
eCl@ss 4.1	27240409
eCl@ss 5.0	27259207
eCl@ss 5.1	27230207
eCl@ss 6.0	27230207
eCl@ss 7.0	27230207
eCl@ss 8.0	19170112

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Classifications

ETIM

ETIM 3.0	EC000313
ETIM 4.0	EC001128
ETIM 5.0	EC001128

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

DNV / EAC

Ex Approvals

Approvals submitted

Approval details

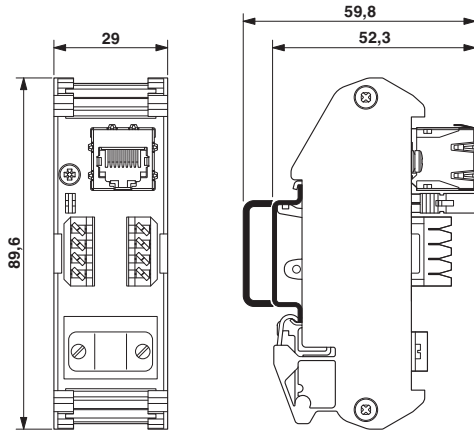
DNV

EAC

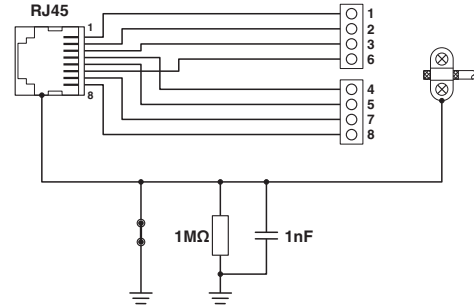
Drawings

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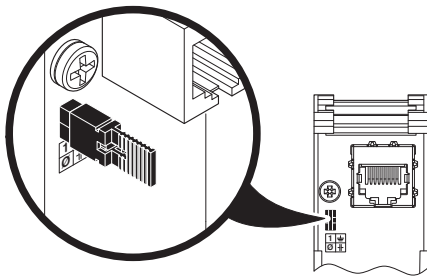
Dimensional drawing



Circuit diagram

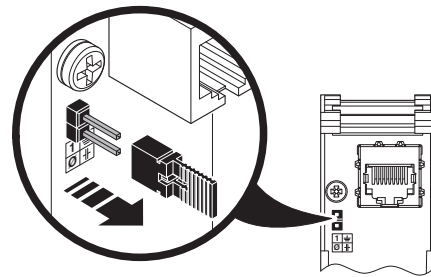


Schematic diagram



Shield connection direct to PE

Schematic diagram



Shield connection to PE via RC element