

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

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



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 622790
GTIN	4046356622790
Weight per Piece (excluding packing)	56.310 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

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Technical data

Ambient conditions

Permissible humidity (operation)	25 % ... 95 % (non-condensing)
Degree of protection	IP20

General

Net weight	56.31 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
No. of ports	1
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
No. of ports	1
Connection method	RJ45 CAT5e

Conformance/approvals

Designation	EAC
Identification	EAC
Designation	Corrosive gas test
Identification	ISA-S71.04-1985 G3 Harsh Group A
Designation	Shipbuilding
Identification	DNV GL
Temperature	B
Humidity	A
Vibration	A
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

Standards and Regulations

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Technical data

Standards and Regulations

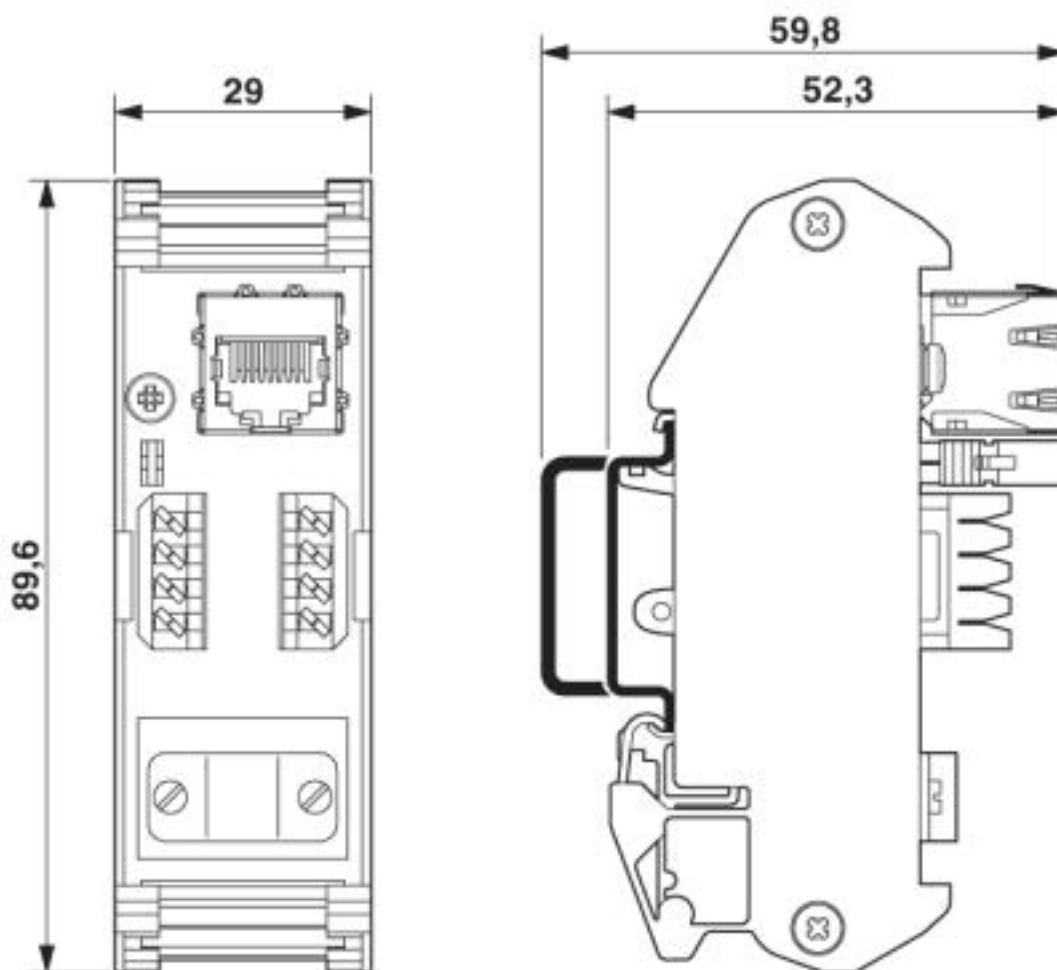
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	5g, 10...150 Hz, 2.5 h, in XYZ direction
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	25g, 11 ms period, half-sine shock pulse

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

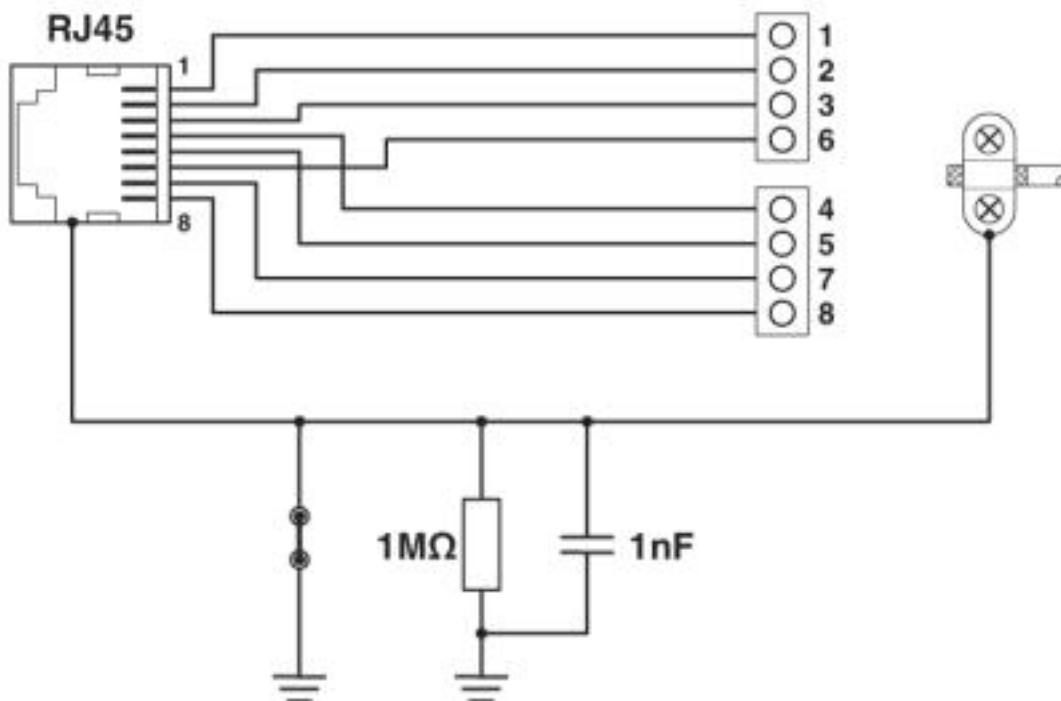
Drawings

Dimensional drawing

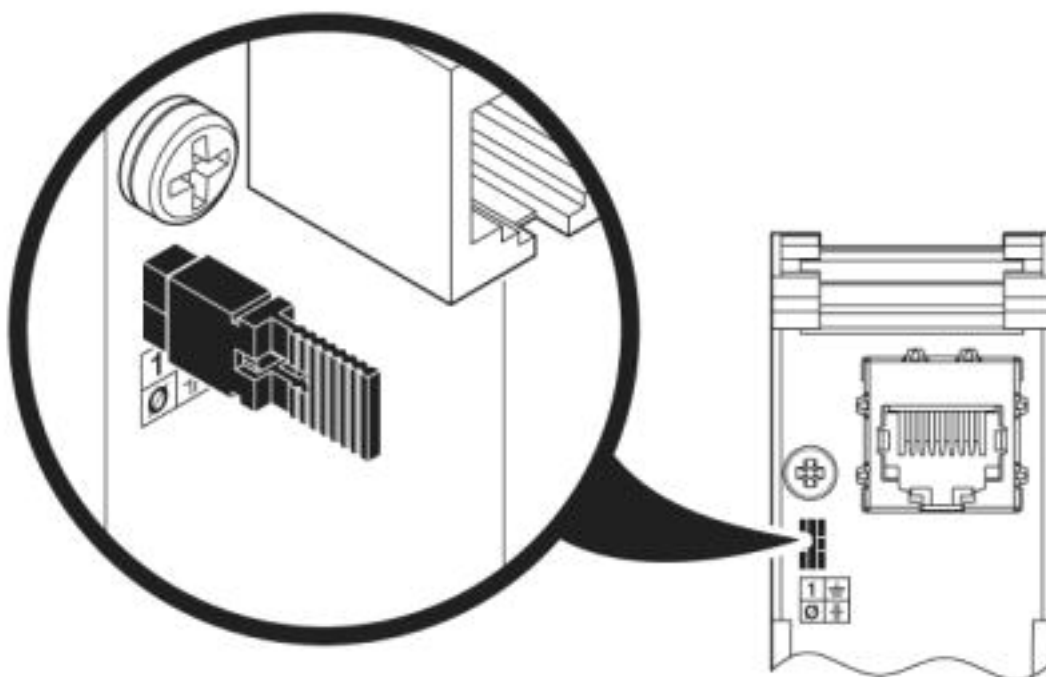


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Circuit diagram



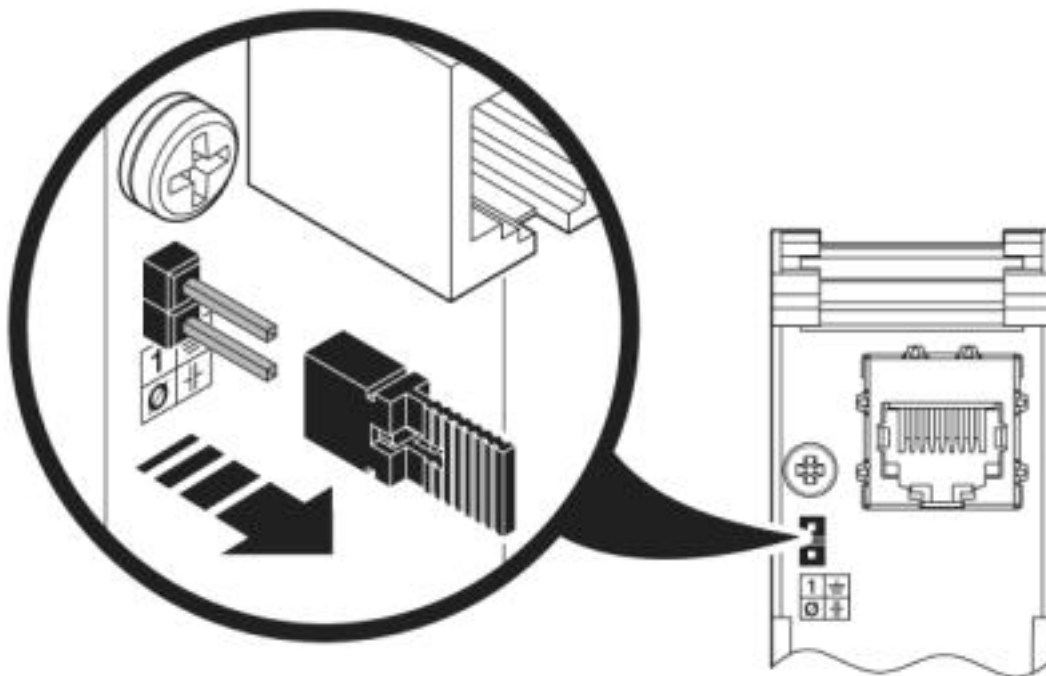
Schematic diagram



Shield connection direct to PE

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Schematic diagram



Shield connection to PE via RC element

Classifications

eCl@ss

eCl@ss 4.0	27230200
eCl@ss 4.1	27230200
eCl@ss 5.0	27230200
eCl@ss 5.1	27230200
eCl@ss 6.0	19170100
eCl@ss 7.0	19170112
eCl@ss 8.0	19170112
eCl@ss 9.0	19170112

ETIM

ETIM 3.0	EC000313
ETIM 4.0	EC001128
ETIM 5.0	EC002599
ETIM 6.0	EC002599
ETIM 7.0	EC002599

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008

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Classifications

UNSPSC

UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	26121604

Approvals

Approvals


Approvals

DNV GL / EAC

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA00001KR
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EAC			EAC-Zulassung
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