PP-RJ-RJ - Patch panel

2703015

https://www.phoenixcontact.com/us/products/2703015

PHŒNIX CONTACT

Patch panel, two RJ45 jacks, 10/100/1000 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

- 10/100/1000 Mbps, CAT6
- Extended temperature range of -40 °C ... +75 °C
- Shipbuilding approval in accordance with DNV GL
- PoE-capable in accordance with IEEE 802.3bt, type 4

Commercial data

Item number	2703015
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	DN07
Product key	DNC334
Catalog page	Page 360 (C-6-2019)
GTIN	4055626462868
Weight per piece (including packing)	64.63 g
Weight per piece (excluding packing)	57.63 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.

Product properties

Product type	Patch panel
MTTF	105699 Years

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Maximum power dissipation for nominal condition	0 W (passive module, no supply voltage required)
Rated insulation voltage	85 V DC (In accordance with EN/IEC 60079-7, Annex H)

Interfaces

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

Serial transmission speed	10/100/1000 Mbps
Frequency range	250 MHz
Connection method	RJ45 jack
Pin assignment	1:1
Transmission length	100 m (including patch cables)
Transmission medium	Copper
Output nominal voltage	< 57 V DC
Maximum output power	60 W
Maximum output current	725 mA (Per channel)

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

Connection method	RJ45 jack

Dimensions

Dimensional drawing	
Width	23.8 mm

Height	101.3 mm
Depth	50 mm

Material specifications

Color (Housing)	light grey (RAL 7035)
Material Housing	Plastic
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20 (Manufacturer's declaration)
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 5000 m (For restrictions, see the manufacturer's declaration for altitude operation)
	≤ 2000 m (Restrictions for ATEX applications)
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

Approvals

CE

Certificate	CE-compliant

ATEX

Identification	⟨Ex⟩ II 3 G Ex ec IIC Gc
Certificate	PxCIF18ATEX2703015U
Note	Please follow the special installation instructions in the documentation!

UKEX

Identification	⟨Ex⟩ II 3 G Ex ec IIC Gc
Certificate	PxCIMA22UKEX2703015U

UL, USA

Certificate	UL 60079-0 Ed. 6 / UL 60079-15 Ed. 4

UL, Canada

Certificate	CSA 22.2 No. 60079-0 Ed. 3 / CSA 22.2 No. 60079-15:16

Corrosive gas test

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

Shipbuilding

Identification	DNV GL

DNV GL data

Temperature	D
Humidity	B

Vibration	B
EMC	B

Mounting

Mounting type	DIN rail mounting, stationary
Assembly instructions	The product can be snapped onto all 35 mm DIN rails in accordance with EN 60715.

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002697

UNSPSC

UNSPSC 21.0	43223300

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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