TPDIN-POE-RELAY

DATA SHEET

INDUSTRIAL STRENGTH

TPDIN® PoE Powered Relay

Features

- **PoE Powered, No Other External Power Required**
- **Accepts 802.3af/at/bt Class 0 PoE or 24V Passive PoE**
- **Normally Open and Normally Closed 10A Relay Connections**
- **Gigabit Data Passthru with Surge Protection**
- **Wide Operating Voltage Range: -40C to +70C**
- **DIN Rail Mounting**

Description

The TPDIN-POE-RELAY is a unique device that provides a way to control up to 10A of current from a managed PoE Switch or other PoE device. When PoE is applied to the TPDIN-POE-RELAY, the relay closes and the LED turns ON. When PoE power is removed, the relay turns off and the LED turns OFF.
There are two connections, a normally closed and a normally open, so that both relay logic states can be utilized.

Many modern PoE switches allow an operator to enable or disable the PoE on a particular port. This PoE switch function can be used to control the relay.

The unit features a Gigabit Data Passthrough with surge protection to protect the data connection up to 30KV.

It mounts to a standard DIN Rail commonly used in industrial installations.

Specifications

TPDIN-POE-RELAY	
Relay Type	NO & NC 10A 30VDC/250VAC
Relay Function	PoE ON- Relay Closed, LED ON PoE OFF – Relay Open, LED OFF
Data PassThrough	10/100/1000Mbps
Data Protection	Pin to Pin (1-2, 3-6, 4-5, 7-8) Clamp Voltage: 3.3V ESD, IEC61000-4-2: +/- 30KV contact and air EFT, IEC61000-4-4: 40A (5/50us) Lightning, IEC61000-4-5: 15A (8/20us)
PoE Input Requirements	802.3af/at/bt Class 0 PoE or 24V Passive PoE
Self Consumption Power	<1W
Connections	Removable Wire Terminal
Wire Size	12AWG Max
Mounting	DIN Rail
Operating Temperature	-40C to +70C (-40F to 158F)
Humidity (RH)	0% - 90%
Dimensions (LxWxH)	125 x 102 x 46mm (4.9" x 4" x 1.8")
Weight	260g (9.2 oz)
Warranty	3 Years

TPDIN-POE-RELAY

18-57V PoE Powered 10A Relay with Gigabit Data Passthrough

Relay Contacts:

    NC = Normally Closed Contact
    COM = Common
    NO = Normally Open Contact
    FG = Frame/Earth Ground

Function:

Apply PoE, relay closes, LED <u>ON</u>
<u>Remove</u> PoE, relay opens, LED OFF.

Ordering:

TPDIN-POE-RELAY   TPDIN® POE Controlled 10A Relay

For further information contact:

Tyconsystems.com

RoHS compliant

TYCON Power®

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