ET-7261 PET-7261

Ethernet I/O Module with 11-channels Relay

Features

- Built-in Web Server
- Web HMI
- Support for both Modbus TCP and Modbus UDP Protocols
- Communication Security
- 2-port Ethernet Switch for Daisy-Chain Topology
- Dual Watchdog
- Wide Operating Temperature Range: -25 ~ +75°C
- I/O Pair Connection
- Built-in I/O
  - Power Relay: 11 Channels

Introduction

The ET-7261/PET-7261 provides 11 form A electromechanical relays. It features optical isolation for 3000 VDC of transient overvoltage protection and doesn't have channel-to-channel isolation. The power-on value and safe value of relay are programmable. It can safely be used in applications where hazardous voltages are present.

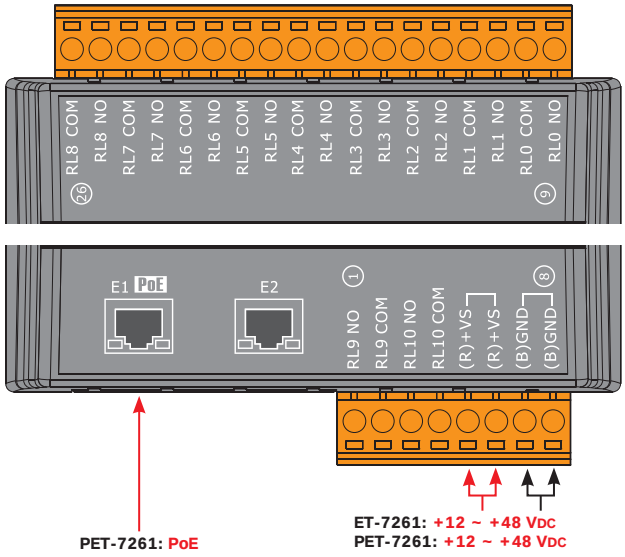
System Specifications

Models	ET-7261	PET-7261
Software		
Built-in Web Server	Yes	
Web HMI	Yes	
I/O Pair Connection	Yes	
Communication		
Ethernet Port	2 x RJ-45, 10/100 Base-TX, Swtich Ports	
PoE	-	Yes
Protocol	Modbus TCP, Modbus UDP	
Security	ID, Password and IP Filter	
Dual Watchdog	Yes, Module (0.8 seconds), Communication (Programmable)	
LED Indicators		
for System Running	Yes	
for Ethernet Link/Act	Yes	
for DI/DO status	Yes	
for PoE Power	-	Yes
2-Way Isolation		
Ethernet	1500 VDC	-
I/O	3000 VDC	
EMS Protection		
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal and ±8 kV Air for Random Point	
EFT (IEC 61000-4-4)	±4 kV for Power Line	
Surge (IEC 61000-4-5)	±2 kV for Power Line	
Power		
Reverse Polarity Protection	Yes	
Powered from Terminal Block	12 ~ 48 VDC	12 ~ 48 VDC
Powered from PoE	-	Yes, IEEE 802.3af, Class1
Consumption	4.4 W (Max.)	4.6 W (Max.)
Mechanical		
Dimensions (L x W x H)	120 mm x 76 mm x 38 mm	
Installation	DIN-Rail or Wall Mounting	
Environment		
Operating Temperature	-25 ~ +75°C	
Storage Temperature	-30 ~ +80°C	
Humidity	10 ~ 90% RH, Non-condensing	

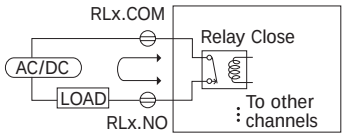
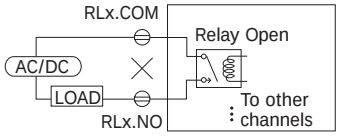
I/O Specifications

Power Relay	
Channels	11
Type	Power Relay, Form A (SPST N.O.)
Contact Rating	5 A @ 250 VAC/24 VDC
Min. Contact Load	10 mA @ 5 V
Operate Time	10 ms (max.)
Release Time	5 ms (max.)
Mechanical Endurance	2 × 10^7 ops.
Electrical Endurance	10^5 ops.
Power-on Value	Yes, Programmable
Safe Value	Yes, Programmable

Pin Assignments



Wire Connections

Power Relay	ON State Readback as 1
Relay Output	
	OFF State Readback as 0
	

Ordering Information

ET-7261 CR	Ethernet I/O Module with 2-port Ethernet Switch, with 11-channels Relay (RoHS)
PET-7261 CR	PoE Ethernet I/O Module with 2-port Ethernet Switch, with 11-channels Relay (RoHS)