

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.

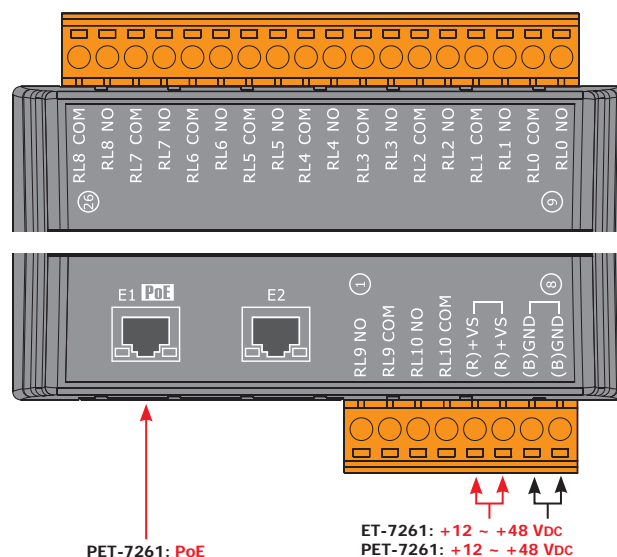
System Specifications

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, Switch 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)