



ET-7260A

PET-7260A

(PoE) Ethernet I/O Module with 2-port Ethernet Switch, 6-ch Power Relay and 6-ch DI

Features

- Built-in Web Server
- Web HMI
- Support for both Modbus TCP and Modbus UDP Protocols
- Communication Security
- 2-port Ethernet Switch (LAN Bypass) for Daisy-Chain Wiring
- Dual Watchdog
- I/O Pair Connection
- Built-in I/O
 - DI/Counter: 6 Channels
 - Power Relay: 6 Channels



Introduction

The ET-7260A and PET-7260A provide 6 Form A electromechanical relays and 6 digital input channels, each of which is able to be used as a 32-bit counter. In addition, each digital input accepts either dry contact or wet contact. Both modules can be remotely controlled using the Modbus TCP/UDP protocol. This makes the ET-7260A and PET-7260A to be well integrated with HMI, SCADA, PLC and other industrial control software systems. With 2 Ethernet ports, the ET-7260A and PET-7260A allow daisy chain connection which permits the flexibility in locating devices, eases installation and lowers infrastructure costs.

The PET-7260A supports IEEE 802.3af Power-Over-Ethernet (Class 1) specifications. By connecting to network devices that support the IEEE 802.3af PoE standard, power can be supplied via a copper Ethernet cable.

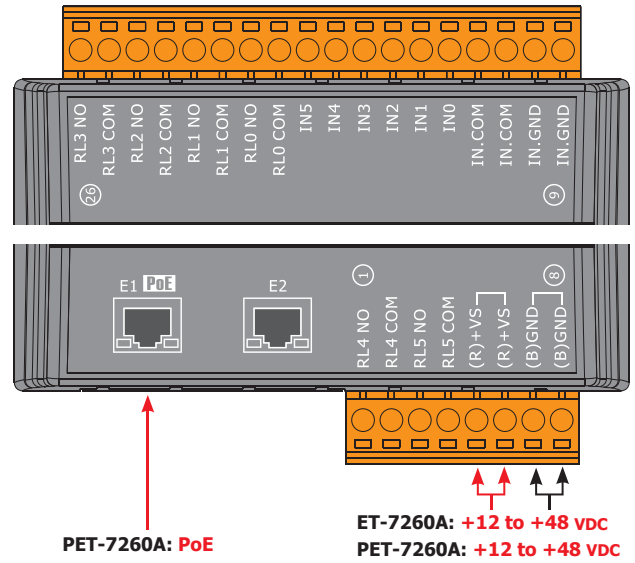
System Specifications

Model	ET-7260A	PET-7260A
Software		
Built-in Web Server	Yes	
CPU Module		
Watchdog Timer	Module, Communication (Programmable)	
2-Way Isolation		
Ethernet	1500 VDC	-
I/O	3000 VDC	
EMS Protection		
EFT (IEC 61000-4-4)	±4 kV for Power Line	
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal ±8 kV Air for Random Point	
Surge (IEC 61000-4-5)	±2 kV for Power Line	
LED Indicators		
Status	Run, Ethernet, I/O	Run, Ethernet, I/O, PoE
Ethernet		
Ports	2 x RJ-45, 10/100 Base-TX, Swtich Ports	
PoE	-	Yes
LAN bypass	Yes	
Security	ID, Password and IP Filter	
Protocol	Modbus TCP, Modbus UDP	
Power		
Reverse Polarity Protection	Yes	
Consumption	3.6 W (max.)	3.8 W (max.)
Powered from PoE	-	IEEE 802.3af, Class1
Powered from Terminal Block	+12 to +48 VDC	
Mechanical		
Dimensions (mm)	76 x 120 x 38 (W x L x H)	
Installation	DIN-Rail mounting	
Environment		
Operating Temperature	-25 to +75°C	
Storage Temperature	-30 to +80°C	
Humidity	10 to 90% RH, Non-condensing	

I/O Specifications

Model	ET-7260A	PET-7260A
Digital Input/Counter		
Channels	6	
Type	Dry Contact, Wet Contact	
Sink/Source (NPN/PNP)	Dry: Source Wet: Sink/Source	
ON Voltage Level	Dry	Close to GND
	Wet	+10 to +50 VDC
OFF Voltage Level	Dry	Open
	Wet	+4 VDC (max.)
Max. Counts	4,294,967,295 (32-bit)	
Frequency	100 Hz	
Min. Pulse Width	5 ms	
Effective Distance	500m (max.)	
Input Impedance	10 kΩ	
Overvoltage Protection	+70 VDC	
Relay Output		
Channels	6	
Type	Power Relay, Form A (SPST N.O.)	
Contact Rating	5 A @ 250 VAC/24 VDC (Resistive Load)	
Operate Time	10 ms (max.)	
Release Time	5 ms (max.)	
Electrical Endurance	10 ⁵ ops.	
Mechanical Endurance	2 × 10 ⁷ ops.	
Power on Value	Programmable	
Safe Value	Programmable	

Pin Assignments



Wire Connections

Digital Input /Counter	Readback as 1	Readback as 0
Sink	+10 ~ +50 VDC 	OPEN or <4 VDC
	Source	+10 ~ +50 VDC

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

Digital Input	ON State Readback as 1	OFF State Readback as 0
Dry Contact		

Ordering Information

ET-7260A CR	Ethernet I/O Module with 2-port Ethernet Switch and 6-ch Relay Output and 6-ch DI (RoHS)
PET-7260A CR	PoE Ethernet I/O Module with 2-port Ethernet Switch and 6-ch Relay Output and 6-ch DI (RoHS)