



ET-7260A **PET-7260A**

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

Features

- Built-in Web Server
- Web HMI
- Support for both Modbus TCP and Modbus UDP Protocols
- Communication Access Control
- 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	
Access Control	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 ~ +48 VDC	

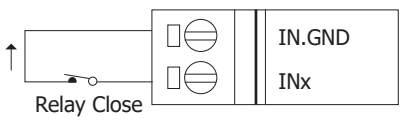
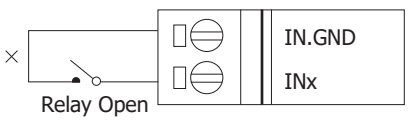
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Model	ET-7260A	PET-7260A
Mechanical		
Dimensions (mm)	76 x 120 x 42 (W x L x H)	
Installation	DIN-Rail Mounting	
Environment		
Operating Temperature	-25 ~ +75°C	
Storage Temperature	-30 ~ +80°C	
Humidity	10 ~ 90% RH, Non-condensing	

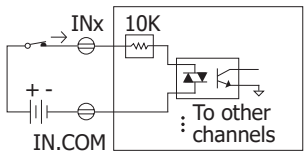
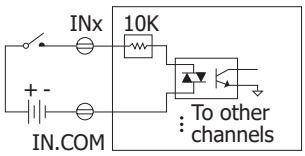
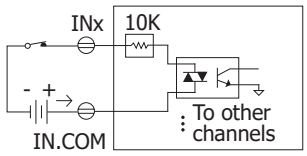
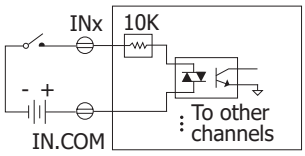
I/O Specifications

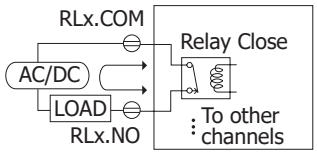
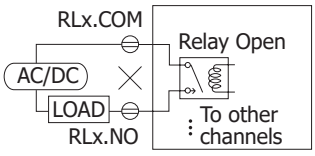
Model		ET-7260A	PET-7260A
Digital Input/Counter			
Channels		6	
Type		Dry Contact, Wet Contact	
Sink/Source (NPN/PNP)		Dry: Source Wet: Sink/Source	
ON Voltage Level	Dry	Close to GND	
	Wet	+10 ~ +50 V_{DC}	
OFF Voltage Level	Dry	Open	
	Wet	+4 V_{DC} (max.)	
Max. Counts		4,294,967,295 (32-bit)	
Frequency		100 Hz	
Min. Pulse Width		5 ms	
Effective Distance		500 m (max.)	
Input Impedance		10 kΩ	
Overvoltage Protection		+70 V_{DC}	
Relay Output			
Channels		6	
Type		Power Relay, Form A (SPST N.O.)	
Contact Rating		5 A @ 250 V_{AC}/24 V_{DC} (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	

Wire Connections

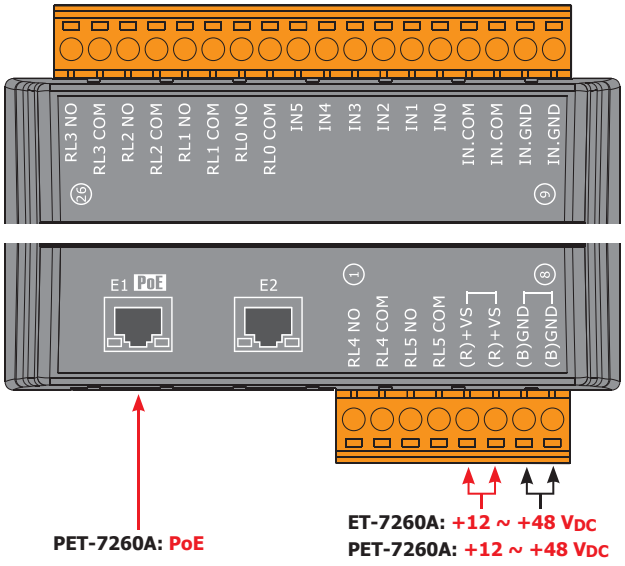
Digital Input	ON State Readback as 1	OFF State Readback as 0
Dry Contact		

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

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

Pin Assignments



Ordering Information

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

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