



## ET-7066

## PET-7066

(PoE) Ethernet I/O Module with 8-ch PhotoMOS Relay

### Features

- Built-in Web Server
- Web HMI
- Support for both Modbus TCP and Modbus UDP Protocols
- Communication Security
- Dual Watchdog
- I/O Pair Connection
- Built-in I/O
- PhotoMOS Relay: 8 Channels



### Introduction

The ET-7066/PET-7066 provides 8 form A PhotoMOS relays. It features optical isolation for 3000 Vrms of transient overvoltage protection and doesn't have channel-to-channel isolation. The power-on value and safe value of PhotoMOS relay are programmable. It can safely be used in applications where hazardous voltages are present.

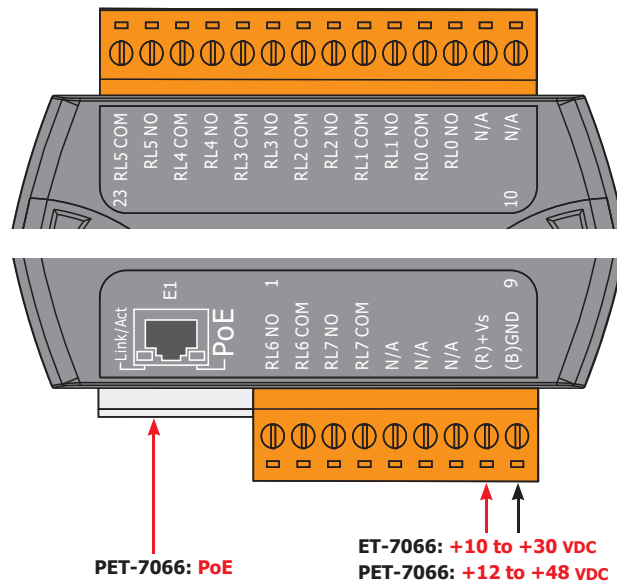
### System Specifications

Model	ET-7066	PET-7066
<b>Software</b>		
Built-in Web Server	Yes	
<b>CPU Module</b>		
Watchdog Timer	Module, Communication (Programmable)	
<b>2-Way Isolation</b>		
Ethernet	1500 VDC	-
I/O	3000 VDC	
<b>EMS Protection</b>		
EFT (IEC 61000-4-4)	±2 kV for Power Line	
ESD (IEC 61000-4-2)	±4 kV Contact for Each Terminal	
<b>LED Indicators</b>		
Status	Run, Ethernet	Run, Ethernet, PoE
<b>Ethernet</b>		
Ports	1 x RJ-45, 10/100 Base-TX	
PoE	-	Yes
Security	ID, Password and IP Filter	
Protocol	Modbus TCP, Modbus UDP	
<b>Power</b>		
Reverse Polarity Protection	Yes	
Consumption	2.6 W (max.)	2.8 W (max.)
Powered from PoE	-	IEEE 802.3af
Powered from Terminal Block	+10 to +30 VDC	+12 to +48 VDC
<b>Mechanical</b>		
Dimensions (mm)	72 x 123 x 35 (W x L x H)	
Installation	DIN-Rail mounting	
<b>Environment</b>		
Operating Temperature	-25 to +75°C	
Storage Temperature	-30 to +80°C	
Humidity	10 to 90% RH, Non-condensing	

## I/O Specifications

Model	ET-7066	PET-7066
<b>PhotoMOS Relay</b>		
Channels	8	
Type	PhotoMOS Relay, Form A	
Contact Rating	60V/1.0A (Operating Temperature -25 to +40°C) 60V/0.8A (Operating Temperature +40 to +60°C) 60V/0.7A (Operating Temperature +60 to +75°C)	
Leakage Current	1 $\mu$ A	
Operate Time	2.0 ms (max.)	
Release Time	0.3 ms (max.)	
Power on Value	Programmable	
Safe Value	Programmable	

## Pin Assignments



## Wire Connections

PhotoMOS Relay	ON State Readback as 1
Form A Relay Contact	
	OFF State Readback as 0

## Ordering Information

<b>ET-7066 CR</b>	Ethernet I/O Module with 8-ch PhotoMOS Relay (RoHS)
<b>PET-7066 CR</b>	PoE Ethernet I/O Module with 8-ch PhotoMOS Relay (RoHS)