



ETS-7260

Ethernet I/O Module, 6-ch Power Relay and 6-ch DI

Features

- Support for HTTP/HTTPS Web Server
- Enhanced DoS Protection
- Support for Modbus/TCP Security
- Support for MQTT (optional TLS)
- Support for 802.1Q and 802.1p Priority Tagging
- 2-port Ethernet Switch for Daisy-Chain Topology
- Dual Watchdog with Power-on and Safe Value
- I/O Pair Connection
- Built-in I/O
 - DI/Counter: 6 Channels
 - Power Relay: 6 Channels
- Fast Boot (< 5 Second)



Introduction

The ETS-7260 provides 6 wet contact digital inputs and 6 form A electromechanical relays and supports the OPC UA, MQTT, RESTful API, CoAP, LwM2M and Modbus protocols. The module supports the TLS to secure such as web traffic (HTTPS), emails, messaging, OPC UA and MQTT. It features optical isolation for 3000 VDC of transient overvoltage protection. Each input channel can be used as a 32-bit counter.

System Specifications

Model	ETS-7260
Software	
Function	Web Interface for Configuration / IF-THEN-ELSE Logic operation I/O channel monitoring and control / Timer operation Schedule operation / Internal Register operation / Email sending function
CPU Module	
Watchdog Timer	Module, Communication (Programmable)
2-way Isolation	
Ethernet	1500 VDC
I/O	3000 VDC
EMS Protection	
EFT (IEC 61000-4-4)	±2 kV for Power Line
ESD (IEC 61000-4-2)	±4 kV 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
Ethernet	
Ports	2 x RJ-45, 10/100 Base-TX, Switch Ports
LAN bypass	Yes
Access Control	ID, Password and IP Filter
Protocol	Modbus TCP, Modbus TCP/TLS, Modbus UDP, OPC UA, MQTT, RESTful API, CoAP, LwM2M, SNMP, SMTP, SNTP, HTTP/HTTPS
Power	
Reverse Polarity Protection	Yes
Consumption	3.9 W (max.)
Powered from Terminal Block	+12 ~ +48 VDC
Powered from PoE	Yes, IEEE 802.3af, Class 2
Mechanical	
Dimensions (mm)	76 x 120 x 38 (W x L x H)
Installation	DIN-Rail mounting
Environment	
Operating Temperature	-25 ~ +75°C
Storage Temperature	-30 ~ +80°C
Humidity	10 to 90% RH, Non-condensing

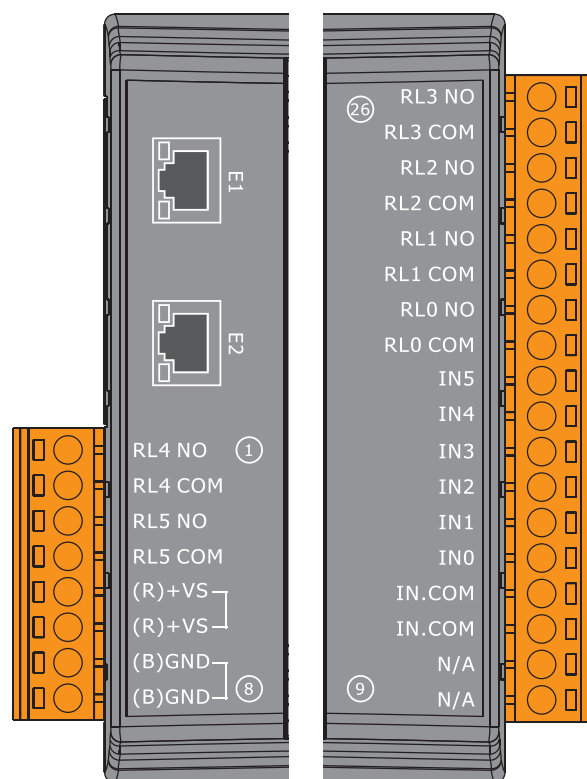
I/O Specifications

Model	ETS-7260
Digital Input/Counter	
Channels	6
Type	Wet Contact
Sink/Source (NPN/PNP)	Sink/Source
ON Voltage Level	+10 ~ +50 VDC
OFF Voltage Level	+4 VDC (max.)
Max. Counts	4,294,967,295 (32-bit)
Frequency	100 Hz
Min. Pulse Width	5 ms
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

Wire Connections

Digital Input / Counter	Readback as 1	Readback as 0
Sink	+10 ~ +50 VDC 	OPEN or <4 VDC
	+10 ~ +50 VDC 	OPEN or <4 VDC
Power Relay	ON State Readback as 1	OFF State Readback as 0

Pin Assignments



Ordering Information

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