ICP DAS

ETS-7267

Ethernet I/O Module, 8-ch Power Relay

Features

- Support for HTTP/HTTPS Web Server
- Enhanced DoS Protection
- Support for Modbus/TCP Security
- Support for OPC UA、MQTT with TLS
- Support for 802.1Q VLAN
- 2-port Ethernet Switch for Daisy-Chain Topology
- Dual Watchdog with Power-on and Safe Value
- I/O Pair Connection
- Built-in I/O
  - ☐ Power Relay: 8 Channels
- Fast Boot (< 5 Second)

Introduction

The ETS-7267 has 8 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.
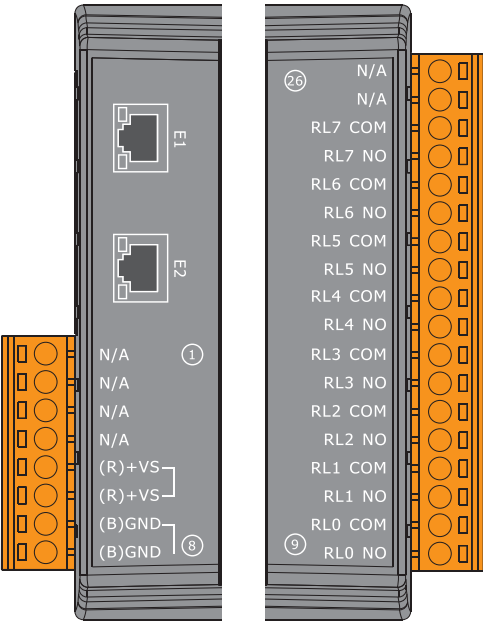
System Specifications

Model	ETS-7267
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)	±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
Ethernet	
Ports	2 x RJ-45, 10/100 Base-TX, Swtich 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
Mechanical	
Dimensions (mm)	76 x 120 x 38 (W x L x H)
Installation	DIN-Rail mounting
Environment	
Operating Temperature	-25 ~ +75℃
Storage Temperature	-30 ~ +80℃
Humidity	10 ~ 90% RH, Non-condensing

■ I/O Specifications

Model	ETS-7267
Power Relay	
Channels	8
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

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

■ Ordering Information

ETS-7267 CR	Ethernet I/O Module with 2-port Ethernet Switch and 8-ch Power Relay (RoHS)