

~NEW~



Model: ET-7050

ET-7050



6-channel Isolated Sink Type Open Collector Output and 12-channel Isolated Digital Input Module with 32-bit Counters



Manual



Data Sheet



Software



Dimensions

Introduction

The ET-7050, a web-based Ethernet I/O module, features a built-in web server, which allows configuration, I/O monitoring and I/O control by simply using a regular web browser. Besides, with the web HMI function, no more programming or HTML skills are needed; creating dynamic and attractive web pages for I/O monitoring and I/O control would be fun to engineers ever after. The ET-7050 offers easily and safely access for users from anytime and anywhere! In addition, the ET-7050 also supports Modbus/TCP protocol that makes perfect integration for ET-7050 to SCADA software.

The ET-7050 provides 6 isolated open collector (sink type) output and 12 isolated wet contact (sink,source type) digital input channels. Each output channel supports 100mA current driving @5~30Vdc and each digital input channel supports counter input (32 bits and 500Hz max.).[more...](#)

Specifications

CPU	
CPU	80186 CPU (80MHz)
SRAM	512K Bytes
Flash Memory	512K Bytes
EEPROM	16K Bytes
Dual Watchdog	Yes
Communication	
Ethernet Port	10 / 100 Base-TX (With Link, Activity LED Indicator) Automatic MDI/MDI-X Crossover
Digital Output	
Output Channels	6
Output Type	Sink, Open Collector
Output Voltage	+5Vdc to 30Vdc
Max. Load Current	100mA/channel at 25 ° C, Direct drive power relay module
Digital Input	
Input Channel	12
Input Type	Wet Contact (Sink, Source)
On Voltage Level	+10Vdc to 50Vdc
Off Voltage Level	+4Vdc Max.
Input Impedance	10K Ohms
Counters	Max. Count: 4,294,967,285 (32 bits)
	Max. Input Frequency : 500Hz
	Min. Pulse Width: 1 ms
Overvoltage Protection	+70Vdc
2 Way Isolation	
Ethernet	1500 Vrms
I/O	3750 Vrms
Mounting	
Din Rail Mount	Yes
Wall Mount	Yes
Power Requirements	
Protection	Power reverse polarity protection
Required Supply Voltage	+10Vdc to 30Vdc (non-regulated)
LED Indicator	Yes
Power consumption	0.13A/24V Max.
Environment	
Operating Temperature	-25° C to +75° C
Storage Temperature	-30° C to +80° C
Relative Humidity	5 to 90% RH, non-condensing
Dimensions	
Dimensions(W x H x D)	123mm x 72mm x 33mm

Ordering information

ET-7050 CR	6-channel Isolated Sink Type Open Collector Output and 12-channel Isolated Digital Input Module with 32-bit Counters (RoHS)
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Accessories

GPSU06U-6	24V/0.25A output power supply
MDR-20-24	24V/1A output power supply with DIN-Rail
NS-205 CR	Unmanaged 5-Port Industrial Ethernet Switch