

ET – 6060D

- 8 DO (Relay) and 10 DI
- 10/100 Mbps Ethernet
- Modbus protocol support
- Web browser configuration
- Transmission status LED display
- 3-way isolation protection



I/O Specifications

Digital Output	<p>Channels: 8</p> <p>Output Type: Power Relay, Form A (Normal Open)</p> <p>Operating Voltage Range: 5 ~ 240VAC (47~63Hz) 5 ~ 24VDC</p> <p>Relay Contact Voltage Range: 0~ 250VAC (47~63Hz) 0~ 28VDC</p> <p>Max. Load Current: 3.0 A/channel</p> <p>Max. Operate Time: 15 ms max.</p> <p>Max. Release Time: 3 ms max.</p> <p>Insulation Resistance: Min. 1,000 MOhm, at 500 VDC</p> <p>Surge Strength: 10,000 V (at 1.2*50us)</p> <p>Relay Life: Electrical : 100,000, 28VDC@5A min., Resistive Mechanical :10 M operations@ no Load Condition</p>
Digital Input	<p>Channels: 10 (Sink/Source)</p> <p>Input Type : Isolation</p> <p>On Voltage Level : +10V ~ 50 V</p> <p>Off Voltage Level : +3V max.</p> <p>Input Impedance : 10K Ohm, 0.66W</p> <p>Intra-module Isolation : 3750 Vrms</p>



System Specifications

System CPU: 80186–80 or compatible
SRAM: 512KB
Flash Memory: 512KB
EEPROM: 16KB
Built-in Watchdog Timer: 0.8 sec

Communication Ethernet Port: 10/100MBase T, RJ45
COM Port: **COM1**: RS232 (RxD, TxD, GND)

SMMI (Small Man Machine Interface) 7-segment LED: 5-digit
4 system LED indicators
4 push buttons

LED Indicator Digital Output Indicators
Digital Input Indicators
Ethernet Link/Active/Speed Indicators

Isolation I/O Isolation: 3750 Vrms
Ethernet Isolation: 1500 Vrms
Power Isolation: 1000 VDC

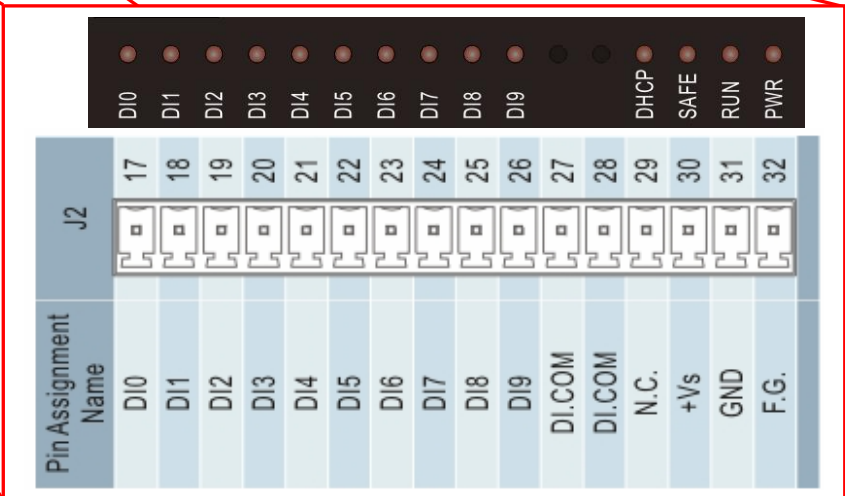
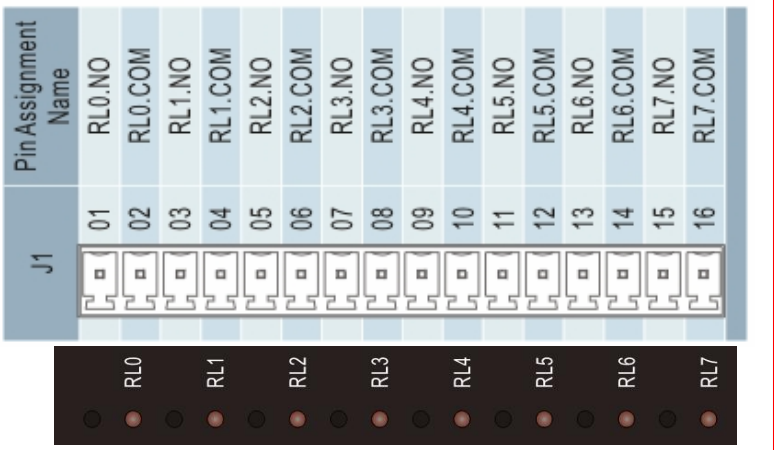
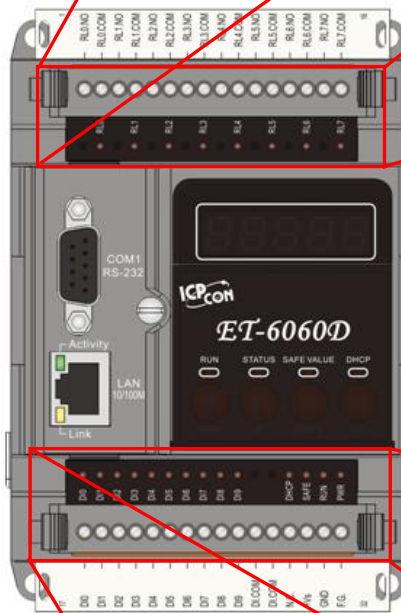
Power Power Requirements: +10 to +30 V DC (non-regulated)
Power Consumption: 4.8W

General Environment Operating Temperature: –25°C to +75°C
Storage Temperature: –30°C to +75°C
Relative Humidity: 10% ~95% RH (non-condensing)

Default Setting

IP	192.168.255.1
Account	Admin
Password	Admin
Host watchdog timer	0 (Disable)
Preset value for low speed (100Hz) digital counter	0
Power on value for DO	All Off
Safe value for DO	All Off
COM port mode	5 (Console)

Pin Assignment



Wire Connection

Digital Output	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Relay Output	Relay ON	Relay Off
Digital Input	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Sink	+10 ~ +50 VDC	OPEN or <3 VDC
Source	+10 ~ +50 VDC	OPEN or <3 VDC