

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

Channels: 8
Output Type: Power Relay, Form A (Normal Open)
Operating Voltage Range: 5 ~ 240VAC (47~63Hz)
5 ~ 24VDC
Relay Contact Voltage Range: 0~ 250VAC (47~63Hz)
0~ 28VDC
Max. Load Current: 3.0 A/channel
Max. Operate Time: 15 ms max.
Max. Release Time: 3 ms max.
Insulation Resistance: Min. 1,000 MOhm, at 500 VDC
Surge Strength: 10,000 V (at 1.2*50us)
Relay Life: Electrical : 100,000, 28VDC@5A min., Resistive
Mechanical :10 M operations@ no Load Condition

Digital Input

Channels: 10 (Sink/Source)
Input Type : Isolation
On Voltage Level : +10V ~ 50 V
Off Voltage Level : +3V max.
Input Impedance : 10K Ohm, 0.66W
Intra-module Isolation : 3750 Vrms

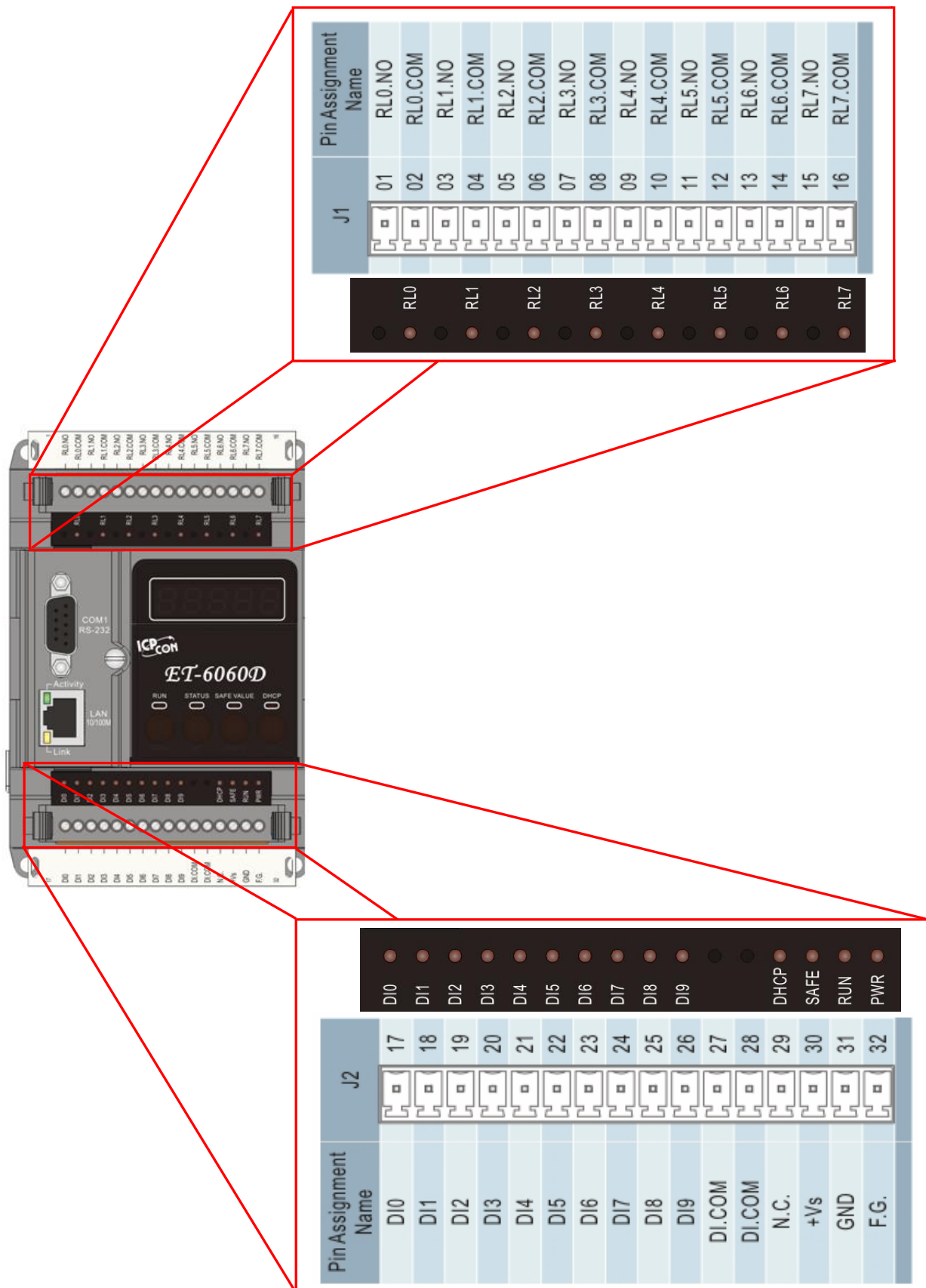
System Specifications

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℃ to +75℃ Storage Temperature: –30℃ to +75℃ Relative Humidity: 10% ~95% RH (non-condensing)

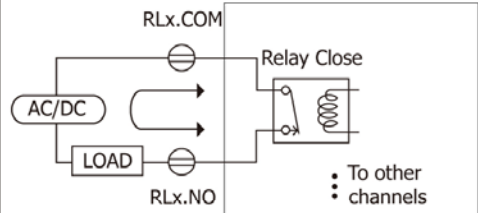
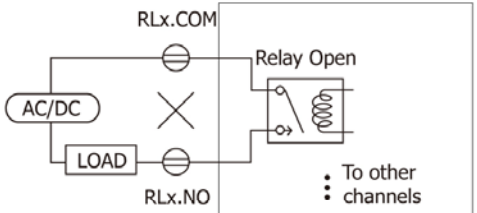
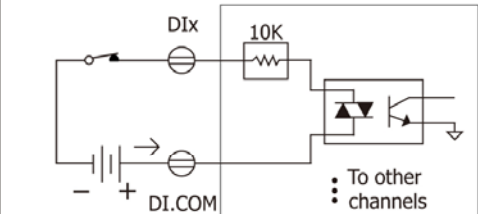
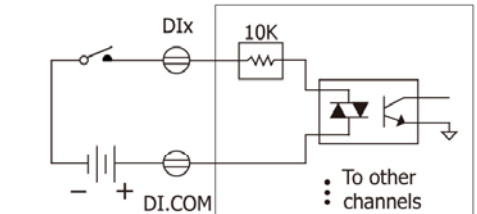
Default Setting

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
	