

ET – 6052D

- 8 DO (O.C.) and 14 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 (Source)
 External Power: 12 ~ 45 VDC
 Output Type: Isolated (N-MOSFET, Open Source)
 Load Current: 1.4 A/channel
 Over-Voltage Protection: +48 VDC
 Direct Drive Power Relay Module
 Short Circuit Protection and Current Limitation
 Switching Inductive Loads

Digital Input Channels: 14 (Sink/Source)
 Dry Contact
 On Voltage Level: Close to GND
 Off Voltage Level: Open
 Wet Contact
 On Voltage Level: +10 ~ 15 VDC
 Off Voltage Level: +3V (Max.)

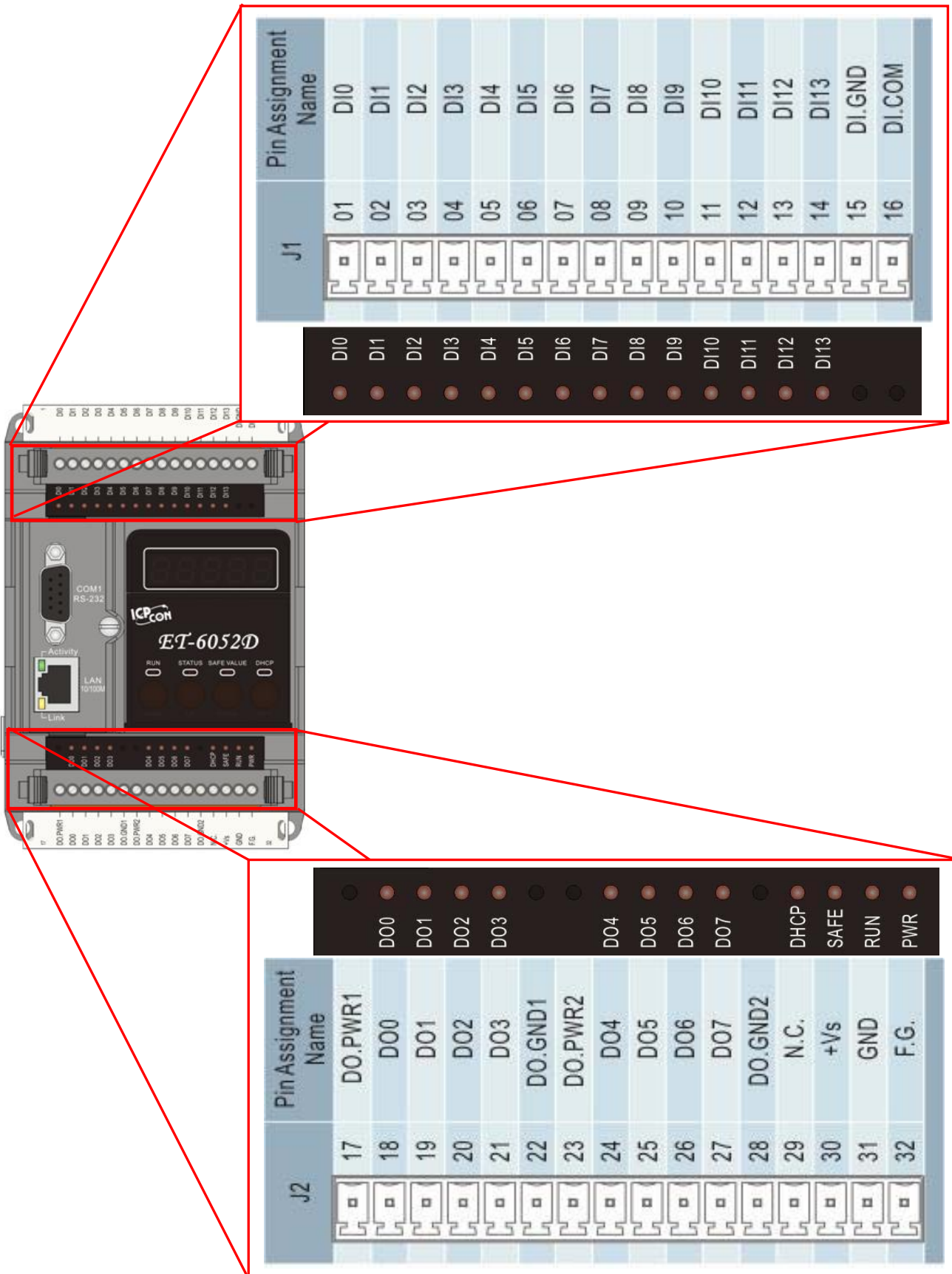
System Specifications

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: 3.0W
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		
Digital Input	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Dry Contact	CLOSE	OPEN
Wet Contact Sink	+10 ~ +50 VDC	OPEN or <3 VDC
Wet Contact Source	+10 ~ +50 VDC	OPEN or <3 VDC