



Model:I-7044



Model:I-7044D

I-7044/

I-7044D



Isolated Digital Input & Output Module

Specifications

Digital Input

Channels	4
Input Type	Sink or Source, Isolated channel with common power or ground
Off Voltage Level	+1V max.
On Voltage Level	+4V to 30V
Input Impedance	3K Ohms, 0.5W
	channels : 4
Counters	Max. Input Frequency : 100Hz Min. Pulse Width : 5ms
Isolation Voltage	3750Vrms

Digital Output

Channels	8
Output Type	Open Collector, Isolated channel with common power
Output Voltage	30V max.
Output Current	375mA per channel
Isolation Voltage	3750Vrms

Interface

Interface	RS-485
Format	N, 8, 1
Baud Rate	1200 ~ 115200bps

LED Display

1 LED as Power/ Communication indicator

4 LEDs as Digital Input indicators and 8 LEDs as Digital Output indicators (for I-7044D)

Power

Input Voltage Range	10~30VDC
Power Consumption	1.0W (I-7044) / 1.7W (I-7044D)

Environment

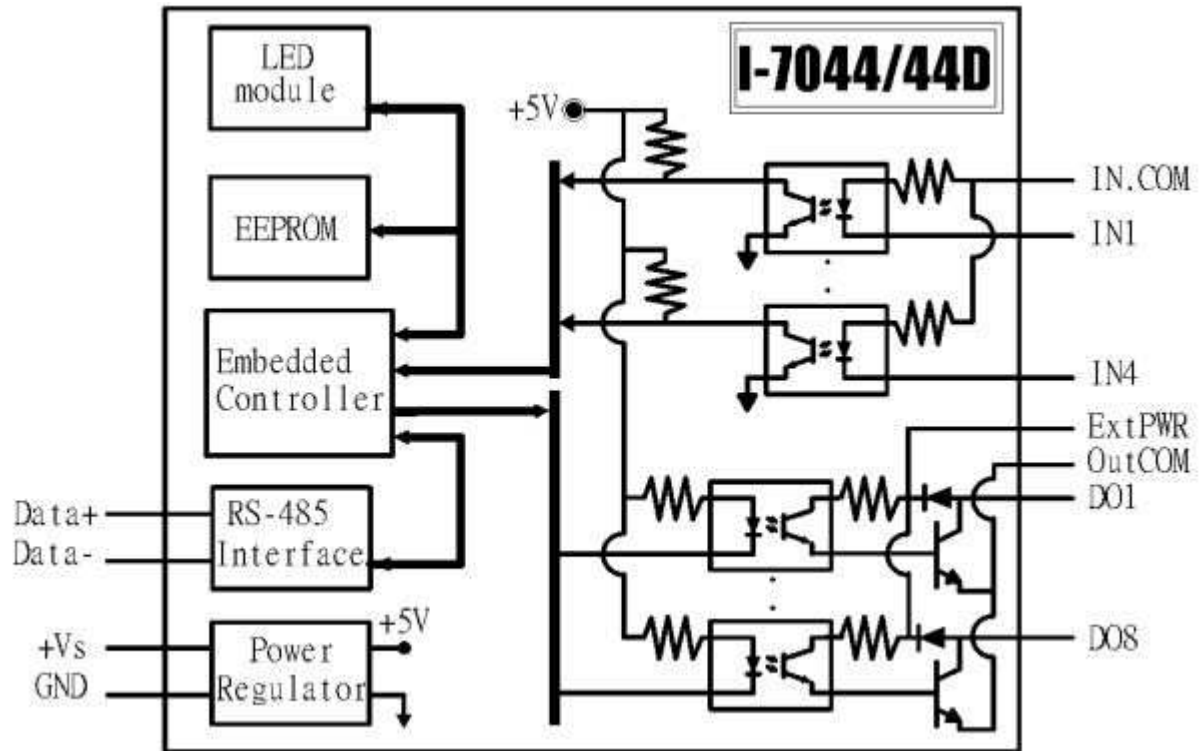
Operating Temperature	-25 to 75~XC
Storage Temperature	-40 to 85~XC

Ordering information

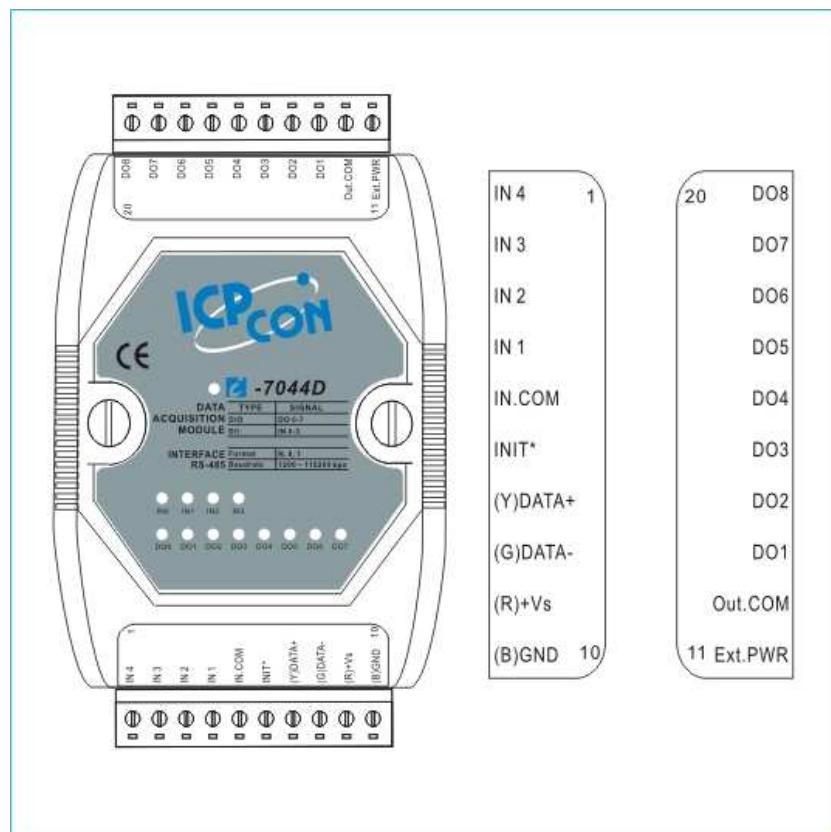
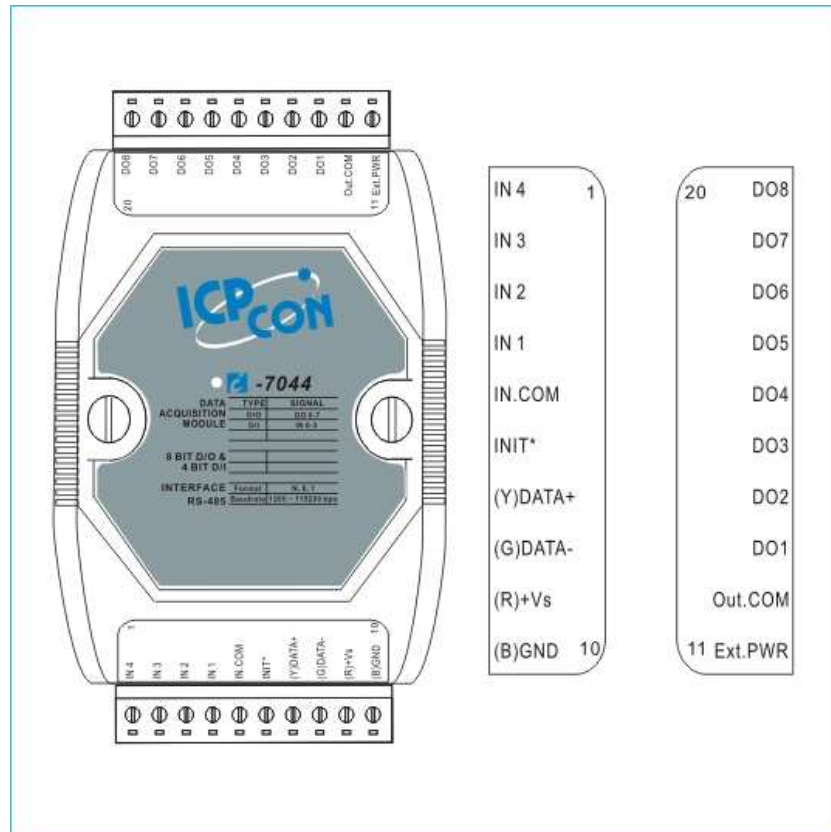
I-7044	Isolated Digital Input & Output Module
I-7044D	Isolated Digital Input & Output Module with LED display
I-7044 CR	Isolated Digital Input & Output Module (RoHS)
I-7044D CR	Isolated Digital Input & Output Module with LED display (RoHS)

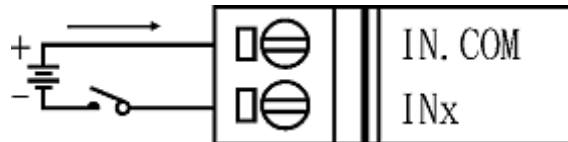
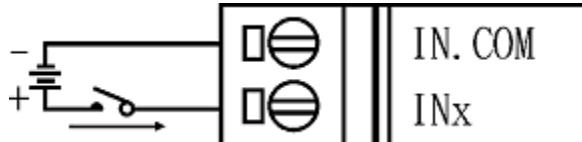
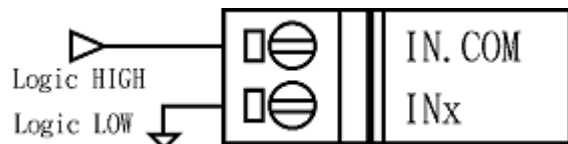
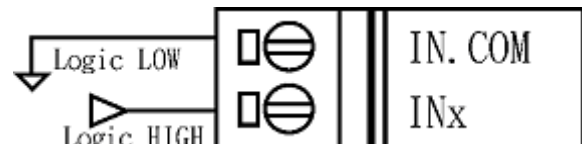
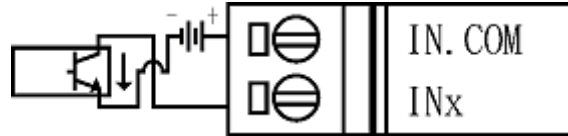
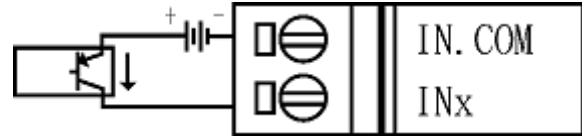
I-7044/I-7044D Hardware

Internal I/O Structure



PIN Assignment



Wire Connection			
Input Type	Dry Contact Signal Input		
			
	TTL/CMOS Signal Input		
			
	NPN Output		PNP Output
			
Output Type	Open Collector		
	