



## Digital Input

Channels	8
Input Type	Dry Contact: Source, Wet Contact: Sink or Source
Dry Contact Level	Off Voltage Level : Open On Voltage Level : Close to GND
Wet Contact Level	Off Voltage Level : +4V max. On Voltage Level : +10V to +50V
Input Impedance	10K Ohms, 0.5W
Counters	channels : 8 Max. Counters : 16-bit (65535) Max. Input Frequency : 100Hz Min. Pulse Width : 5ms
Over-Voltage Protect	70VDC
Photo-Isolation	3750Vdc

## Digital Output

Channels	8
Output Type	Source, Open Collector
Output Voltage	10 to 40V max
Output Current	650mA per channel, Direct drive power relay module
Short Circuit Protection	Yes
Photo-Isolation	3750Vrms

### Interface

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

### LED Display

1 LED as Power/ Communication indicator
8 LEDs as Digital Input indicators
8 LEDs as Digital Output indicators

### Power

Input Voltage Range	10~30VDC
Power Consumption	1.2W (i-7055) / 2.2W (i-7055D)

### Environment

Operating Temperature	-25 to 75°C
Storage Temperature	-40 to 85°C
Humidity	5 to 95%, non-condensing



## i-7055D

8 Digital Output / 8 Digital Input Module

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