I-87055W Specifications

Digital I/O Module	
Input Channels	**8(Sink)**
Input Type	**Non-Isolated**
ON State	**+1V Max (Connect to GND)**
OFF State	**+3.5V~30V (Open)**
Output Channels	**8(Sink)**
Output Type	**Non-isolated**
Max load current	**100mA/channel**
Load Voltage	**5VDC to 30VDC**
Isolation Voltage	**3750 Vrms**
4KV ESD Protection	*Yes, contact for each terminal*
LED Display	**1 LED as Power/ Communication Indicator** **16 LED as Digital Input and output Indicators**
Power Consumption	**0.6W max.**

I-87055W Pin Assignment
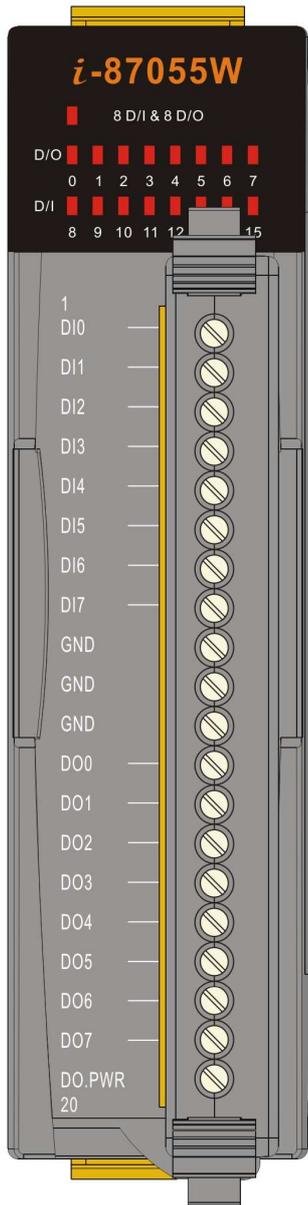
Terminal No.	Pin Assignment Name
01	DI0
02	DI1
03	DI2
04	DI3
05	DI4
06	DI5
07	DI6
08	DI7
09	GND
10	GND
11	GND
12	DO0
13	DO1
14	DO2
15	DO3
16	DO4
17	DO5
18	DO6
19	DO7
20	DO.PWR

I-87055W Wire Connection Type

Input Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Relay Contact	Relay ON	Relay Off
TTL/CMOS Logic	Voltage < 1V	Voltage > 3.5V
Open Collector	Open Collector On	Open Collector Off
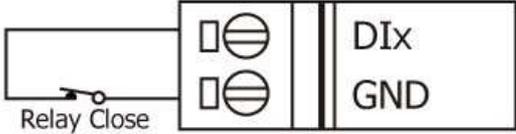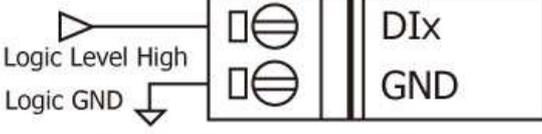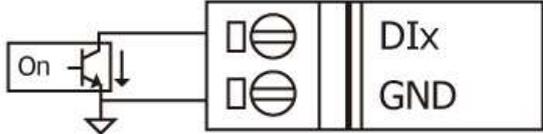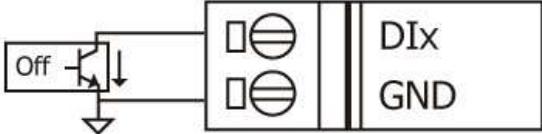
Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Drive Relay	Relay ON	Relay Off
Resistance Load		
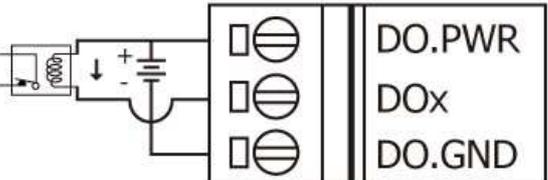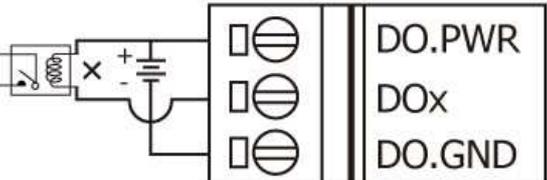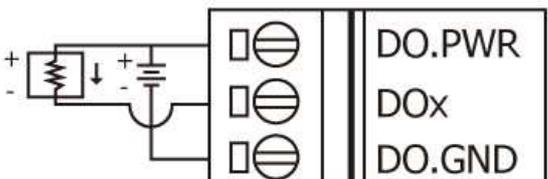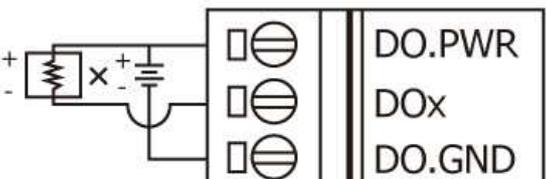
I-87055W Internal I/O Structure