

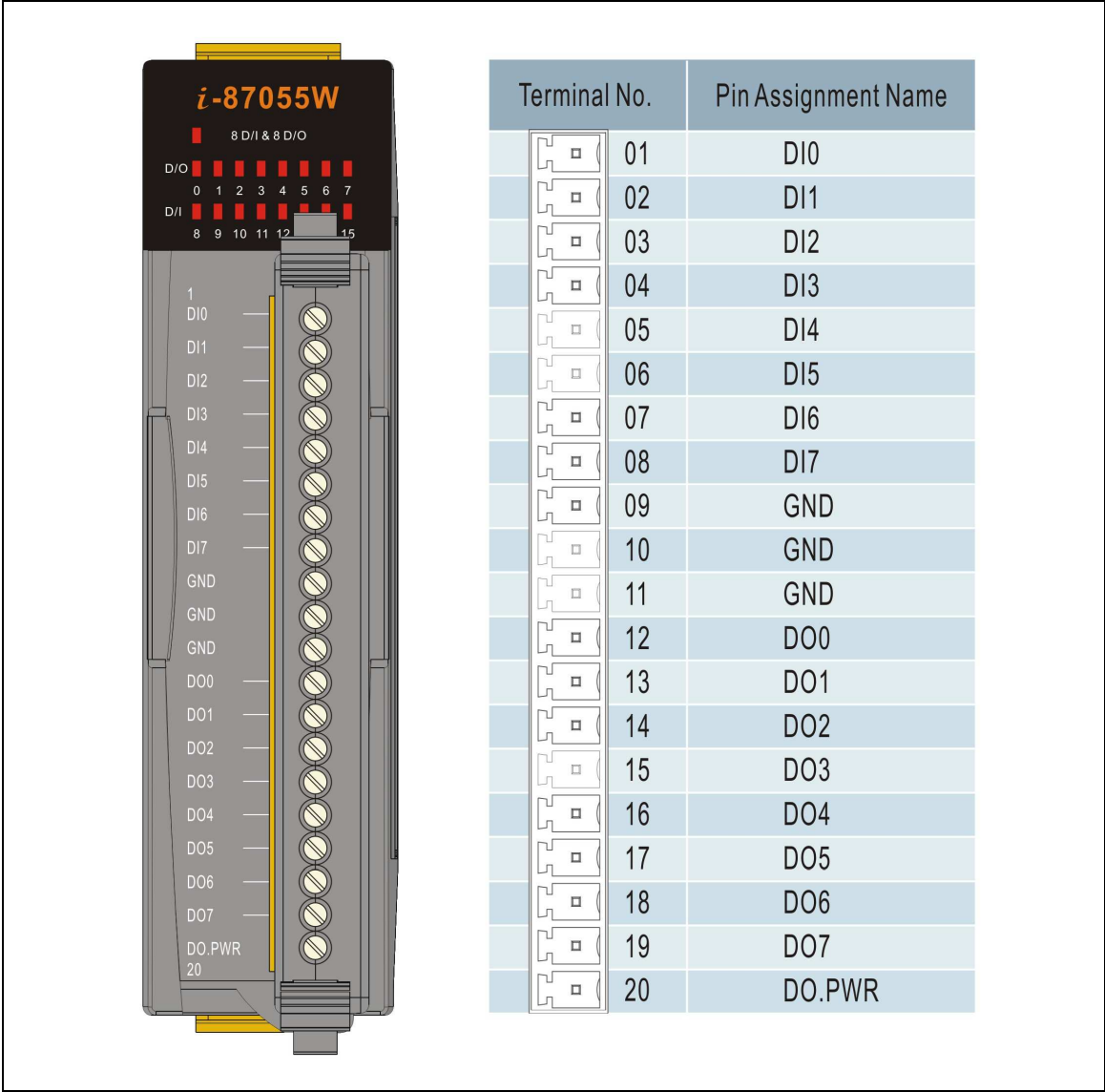
I-87055W Hardware User Guide *Ver 1.0*

Last Modified 12/04/2006

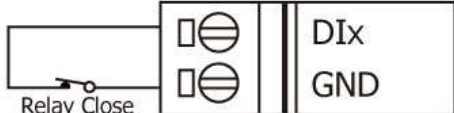
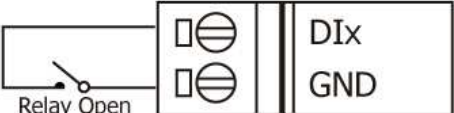
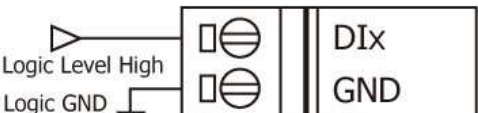
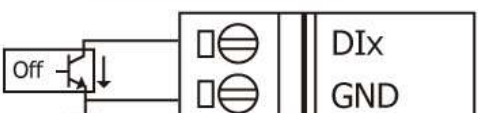
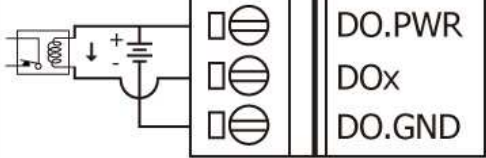
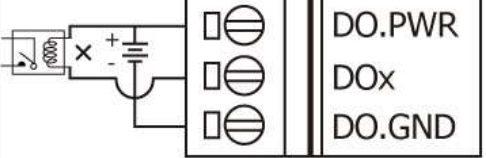
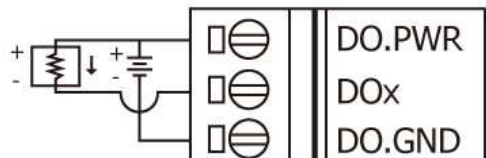
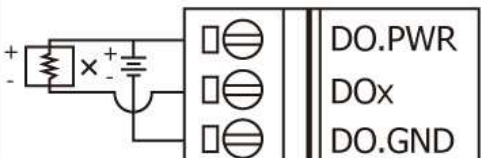
I-87055W Specifications

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

I-87055W Pin Assignment



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

