

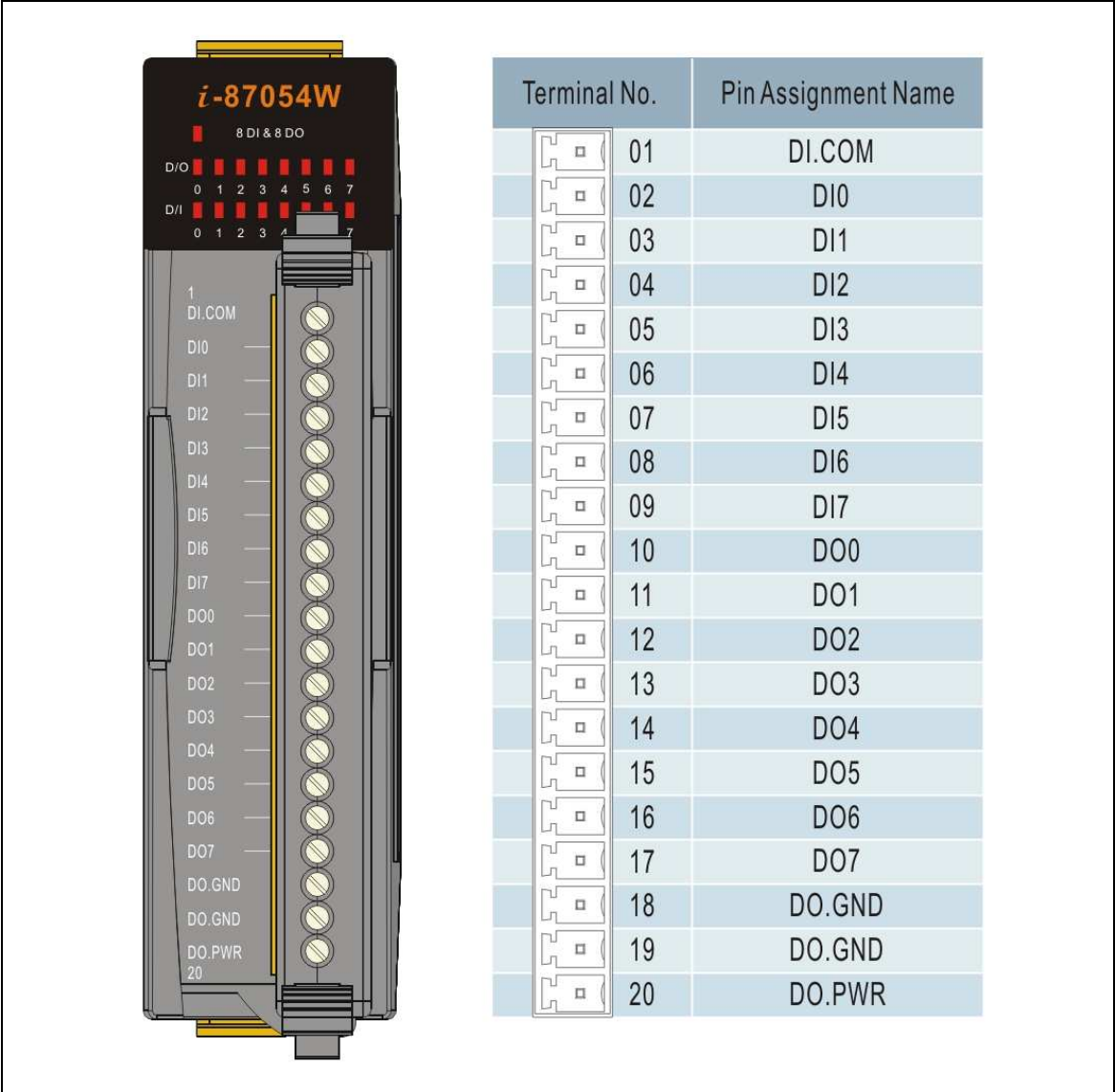
I-87054W Hardware User Guide *Ver 1.0*

Last Modified 03/13/2008

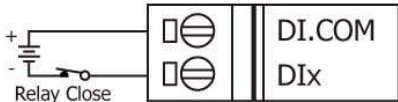
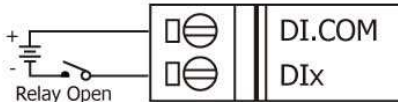
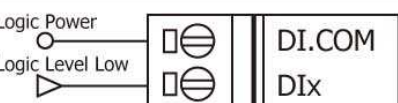
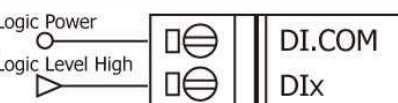
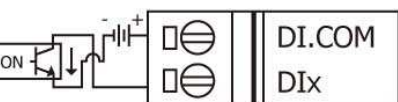
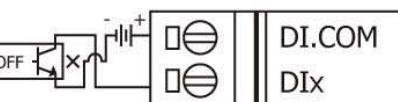
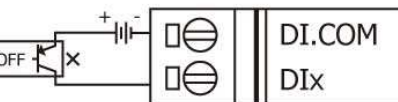
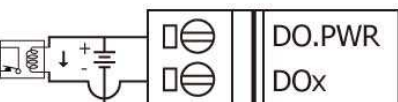
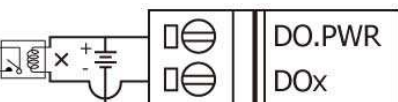
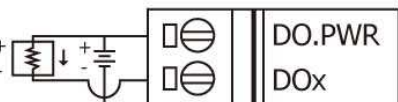
I-87054W Specifications

Digital Input & Digital Output Module	
<i>input Channels</i>	8 (Sink / Source)
<i>Input Type</i>	Isolated One Common for All Digital Inputs
<i>On State Voltage</i>	+3.5V~+50V
<i>OFF State Voltage</i>	+1V Max.
<i>Input Impedance</i>	10K Ohms, 0.66W
<i>Output Channel</i>	8
<i>Output Type</i>	Isolated Open-collector
<i>Max Load Current</i>	700mA/ channel
<i>Load Voltage</i>	5Vdc to 50Vdc
<i>LED Display</i>	1 LED as Power/ Communication Indicator 16 LEDs as Digital Input and Output Indicators
<i>Power Consumption</i>	0.8W
<i>4KV ESD Protection</i>	Yes, contact for each terminal

I-87054W Pin Assignment



I-87054W 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 
NPN Output	Open Collector On 	Open Collector Off 
PNP Output	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-87054W Internal I/O Structure

