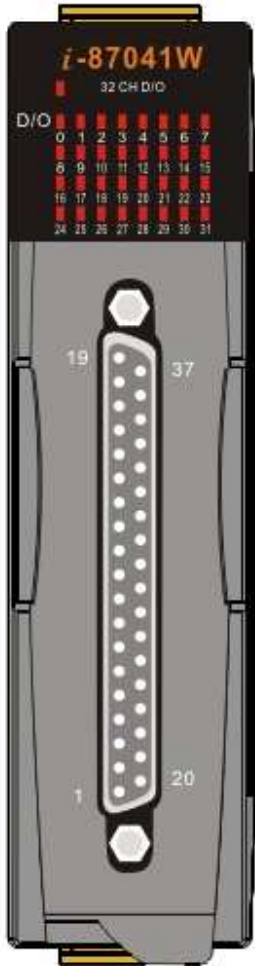


**I-87041W Hardware User Guide** Ver 1.0*Last Modified 05/28/2007****I-87041W Specifications***

<b>Digital Output Module</b>	
<b><i>Input Channels</i></b>	<b><i>32(Sink)</i></b>
<b><i>Output Type</i></b>	<b><i>Isolated, Open-collector</i></b>
<b><i>Load voltage</i></b>	<b><i>+5V~+30V</i></b>
<b><i>Max. load current</i></b>	<b><i>100mA/Channel</i></b>
<b><i>Isolation Voltage</i></b>	<b><i>3750 Vrms</i></b>
<b><i>4KV ESD Protection</i></b>	<b><i>Yes, contact for each terminal</i></b>
<b><i>LED Display</i></b>	<b><i>1 LED as Power/ Communication Indicator 32 LED as Digital output Indicators</i></b>
<b><i>Power Consumption</i></b>	<b><i>0.7W max.</i></b>

## I-87041W Pin Assignment

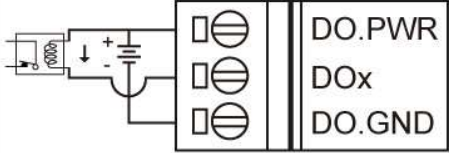
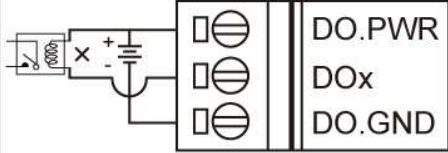
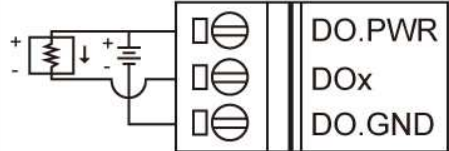
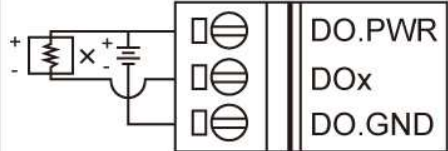


The diagram shows the I-87041W device with a 32 CH D/O port at the top and a 37-pin male D-Sub Connector at the bottom. The D/O port is labeled with pin numbers 0 through 31. The D-Sub Connector is labeled with pin numbers 01 through 37.

Pin Assignment Name	Terminal No.	Pin Assignment Name
Ext.PWR	19	
Ext.GND	18	37
Ext.GND	17	36
DO_15	16	35
DO_14	15	34
DO_13	14	33
DO_12	13	32
DO_11	12	31
DO_10	11	30
DO_9	10	29
DO_8	09	28
DO_7	08	27
DO_6	07	26
DO_5	06	25
DO_4	05	24
DO_3	04	23
DO_2	03	22
DO_1	02	21
DO_0	01	20

37-pin male D-Sub Connector

## I-87041W Wire Connection Type

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-87041W Internal I/O Structure

