

# I-87053W-AC1 Hardware User Guide

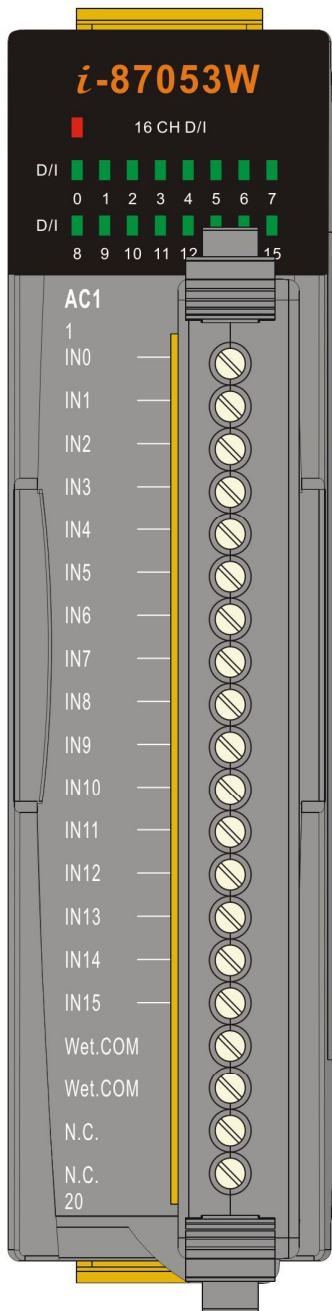
Ver 1.0

Last Modified 04/06/2009

## I-87053W-AC1 Specifications

<b>Digital input Module</b>		
<b>Input Channels</b>		<b>16</b>
<b>Input Type</b>		<b>Isolation, AC Digital Input</b>
<b>Wet Contact</b>	<b>ON State</b>	<b>10 VAC~80 VAC</b>
	<b>OFF State</b>	<b>3 VAC Max.</b>
<b>Counters</b>		<b>Channels: 16</b>
		<b>Max. Counts: 16bit (65535)</b>
		<b>Max. Input Frequency: 100 Hz</b>
		<b>Min. Pulse Width: 5 ms</b>
<b>Input Impedance</b>		<b>10 kOhm, 0.66 W</b>
<b>AC Frequency</b>		<b>47 ~ 400Hz (&gt; 45Hz min)</b>
<b>Isolation Voltage</b>		<b>3750 Vrms</b>
<b>ESD Protection</b>		<b>4 kV contact for each terminal</b>
<b>LED Display</b>		<b>1 LED as Power/ Communication Indicator 16 LED as Digital Input Indicators</b>
<b>Power Consumption</b>		<b>1.5W max.</b>

# I-87053W-AC1 Pin Assignment

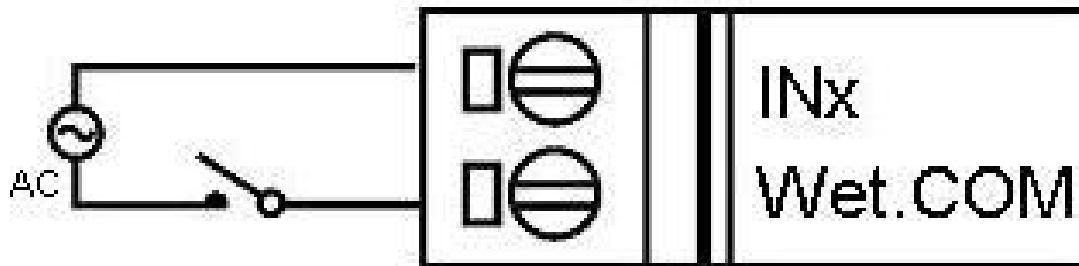


Terminal No.	Pin Assignment Name
01	IN0
02	IN1
03	IN2
04	IN3
05	IN4
06	IN5
07	IN6
08	IN7
09	IN8
10	IN9
11	IN10
12	IN11
13	IN12
14	IN13
15	IN14
16	IN15
17	Wet.COM
18	Wet.COM
19	N.C.
20	N.C.

# ***I-87053W-AC1 Wire Connection Type***

Wire Connection

**Digital Input**



# I-87053W-AC1 Internal I/O Structure

