

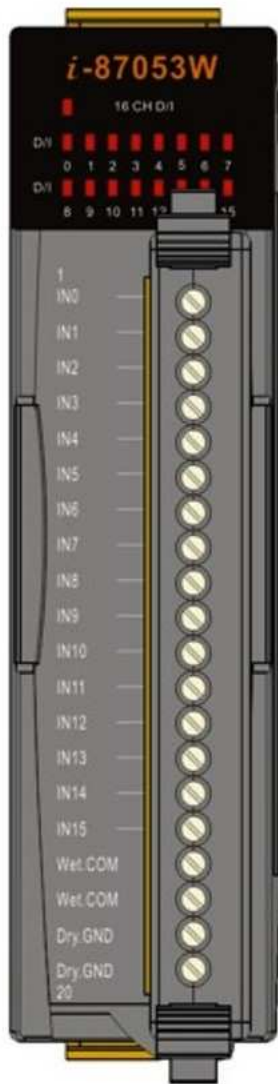
I-87053W Hardware User Guide *Ver 1.0*

Last Modified 12/04/2006

I-87053W Specifications

| Digital input Module | |
|----------------------------------|--|
| <i>Input Channels</i> | <i>16(Sink/Source)</i> |
| <i>Input Type</i> | <i>Isolated differential digital input</i> |
| <i>ON State</i> | <i>+5V~30V</i> |
| <i>OFF State</i> | <i>+3.5V Max.</i> |
| <i>Input Impedance</i> | <i>3K Ohms, 0.25W</i> |
| <i>Isolation Voltage</i> | <i>3750 Vrms</i> |
| <i>ESD 4KV 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 Indicators</i> |
| <i>Power Consumption</i> | <i>0.8W max.</i> |

I-87053W 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 | Dry.GND |
| 20 | Dry.GND |

I-87053W Wire Connection Type

| Input Type | On State, LED On Readback as 1 | Off State, LED Off Readback as 0 |
|----------------------|-----------------------------------|-------------------------------------|
| Dry Contact | Relay On | Relay Off |
| | | |
| Wet Contact (Source) | Voltage > 5V | Voltage < 3.5V |
| | | |
| Wet Contact (Sink) | Open Collector On | Open Collector Off |
| | | |

I-87053W Internal I/O Structure

