

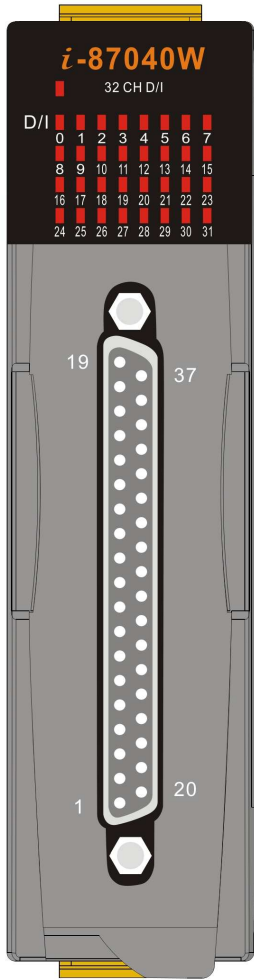
I-87040W Hardware User Guide *Ver 1.0*

Last Modified 05/25/2007

I-87040W Specifications

Digital input Module	
<i>Input Channels</i>	<i>32(Sink/Source)</i>
<i>Input Type</i>	<i>Isolated, One Common for All Digital Inputs</i>
<i>ON State</i>	<i>+3.5V~+30V</i>
<i>OFF State</i>	<i>+1V Max.</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 32 LED as Digital Input Indicators</i>
<i>Power Consumption</i>	<i>1.6W max.</i>

I-87040W Pin Assignment



Pin Assignment Name	Terminal No.	Pin Assignment Name
COM	19	
NC	18	37
NC	17	36
DI_15	16	35
DI_14	15	34
DI_13	14	33
DI_12	13	32
DI_11	12	31
DI_10	11	30
DI_9	10	29
DI_8	09	28
DI_7	08	27
DI_6	07	26
DI_5	06	25
DI_4	05	24
DI_3	04	23
DI_2	03	22
DI_1	02	21
DI_0	01	20

37-pin male D-Sub Connector

I-87040W 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

I-87040W Internal I/O Structure

