I-87040W Hardware User Guide Ver 1.0

I-87040W Specifications

Digital input Module	
Input Channels	32(Sink/Source)
Input Type	Isolated, One Common for All Digital Inputs
ON State	+3.5V~+30V
OFF State	+1V Max.
Isolation Voltage	3750 Vrms
4KV ESD Protection	Yes, contact for each terminal
LED Display	1 LED as Power/ Communication Indicator 32 LED as Digital Input Indicators
Power Consumption	1.6W max.

I-87040W Pin Assignment

i-87040W

32 CH D/I

D/I
0 1 2 3 4 5 6 7
8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23
24 25 26 27 28 29 30 31

19 37

1 20
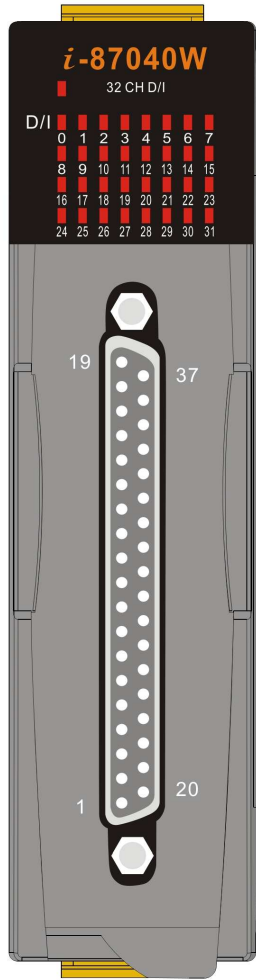
Pin Assignment Name	Terminal No.		Pin Assignment Name
COM	19		
NC	18	37	COM
NC	17	36	NC
DI_15	16	35	DI_31
DI_14	15	34	DI_30
DI_13	14	33	DI_29
DI_12	13	32	DI_28
DI_11	12	31	DI_27
DI_10	11	30	DI_26
DI_9	10	29	DI_25
DI_8	09	28	DI_24
DI_7	08	27	DI_23
DI_6	07	26	DI_22
DI_5	06	25	DI_21
DI_4	05	24	DI_20
DI_3	04	23	DI_19
DI_2	03	22	DI_18
DI_1	02	21	DI_17
DI_0	01	20	DI_16

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