

I-87041/I-87041-G

32-channel Isolated Digital Output Module



Model:I-87041



Model:I-87041-G

Specifications

Digital Output

Output Channels	32 (Sink)
Output Type	Isolated Open-collector
Max Load Current	100 mA/ Channel
Load Voltage	5Vdc to 30Vdc
Intra-module Isolation, Field to Logic	3750Vrms

LED Display

1 LED as Power/ Communication Indicator
32 LEDs as Digital Output Indicators

Power

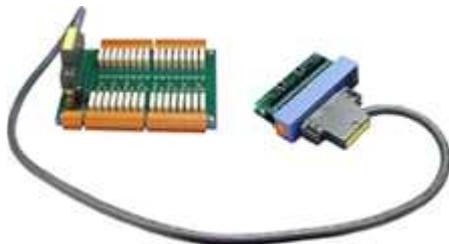
Power Consumption	1.5W
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Environment

Operating Temperature	-25 to 75 °XC
Storage Temperature	-30 to 75 °XC
Humidity	5 to 95%, Non-condensing

Dimensions

31 x 67 x 114 (W x D x H) [Detail](#)



I-8041 and I-87041 with DN-8K32R



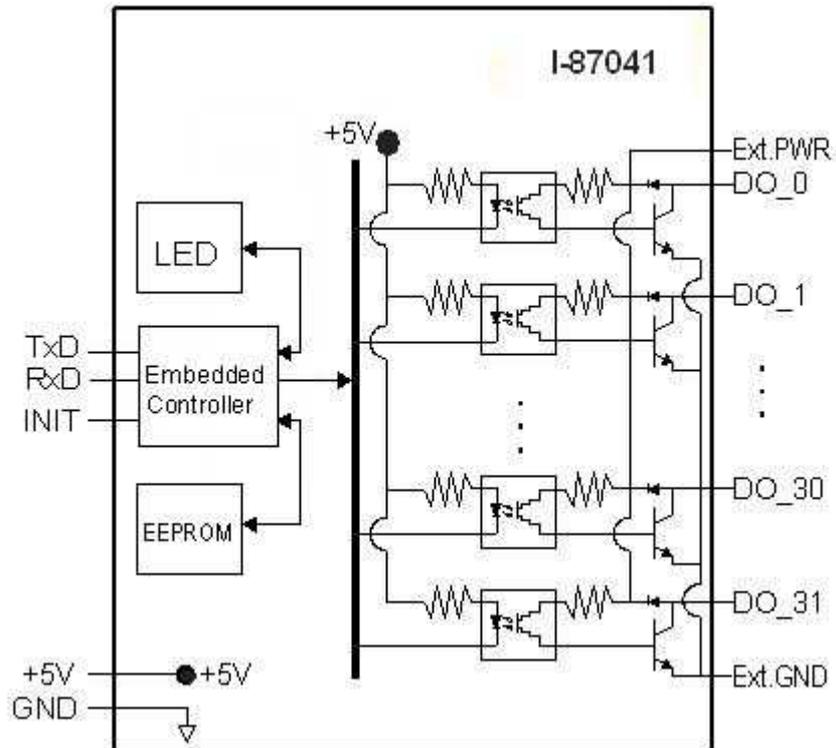
I-8040/41/42 and I-87040/41 with DN-37-381-A

Ordering information

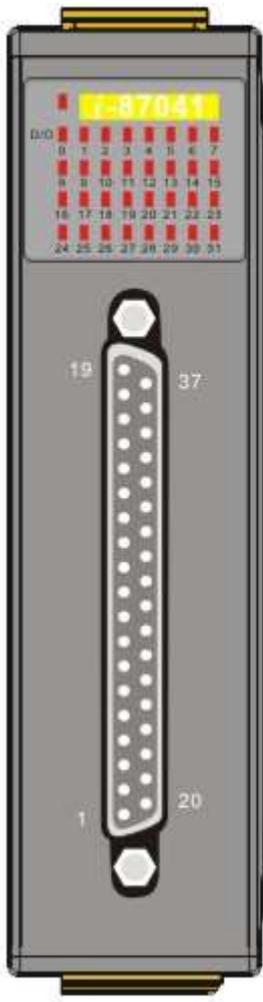
I-87041	32-channel Isolated Digital Output Module (Blue Cover)
I-87041-G	32-channel Isolated Digital Output Module (Gray Cover)

I-87041/I-87041(G) Hardware

Internal I/O Structure



PIN Assignment



Pin Assignment Name	Terminal No.	Pin Assignment Name	
Ext.PWR	19	37	Ext.PWR
Ext.GND	18	36	Ext.GND
Ext.GND	17	35	DO_31
DO_15	16	34	DO_30
DO_14	15	33	DO_29
DO_13	14	32	DO_28
DO_12	13	31	DO_27
DO_11	12	30	DO_26
DO_10	11	29	DO_25
DO_9	10	28	DO_24
DO_8	09	27	DO_23
DO_7	08	26	DO_22
DO_6	07	25	DO_21
DO_5	06	24	DO_20
DO_4	05	23	DO_19
DO_3	04	22	DO_18
DO_2	03	21	DO_17
DO_1	02	20	DO_16
DO_0	01		

37-pin Male D-Sub Connector

Wire Connection

Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Drive Relay	Relay ON 	Relay Off
	Resistance Load	