

I-8068



I-8068-G

4-channel Form-A Relay Output and 4-channel Form-C Relay Output Module

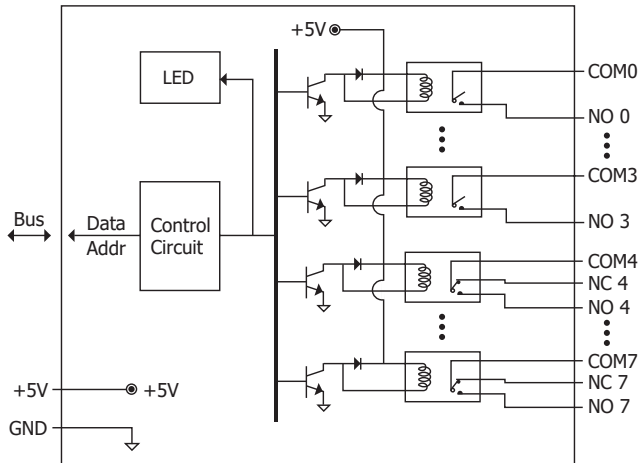
I/O Specifications

Model	I-8068
Digital Output	
Channels	8
Type	Power Relay, 4 Form A and 4 Form C
Operating Voltage Range	5 ~ 110 VAC @ 0.5A (47 ~ 63 Hz) 5 ~ 24 VDC @ 1A
Relay Contact Voltage Range	0 ~ 120 VAC @ 0.5A (47 ~ 63 Hz) 0 ~ 30 VDC @ 1A
Max. Load Current	1.0 A at 30 °C
Max. Operate Time	7 ms Max.
Max. Release Time	3 ms Max.
Dielectric Strength	Between Open Contacts : 500 Vrms (at 1 Minute)
	Between Coil and Contacts : 1000 Vrms (at 1 Minute)
Relay Life	Mechanical : 10,000,000 Min.
	Electrical : 500,000 Operation at 30V@1A, 200, 000 Operation at 120V @ 0.5A, Resistive

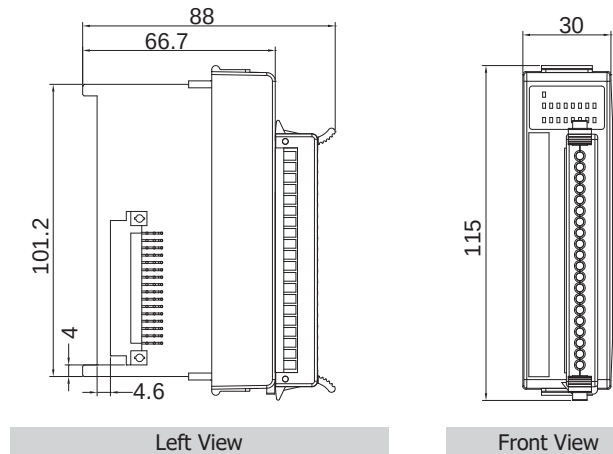
System Specifications

Model	I-8068
LED Indicators	
Power LED Indicator	Yes
I/O LED Indicator	8 LEDs as Relay Output Indicators
Isolation	
Intra-module Isolation, Field-to-Logic	3750 Vrms
EMS Protection	
ESD (IEC 61000-4-2)	±4 kV Contact for each Terminal
Power	
Power Consumption	0.48A @ 5V = 2.4W, ±5% For Hardware version 3.0
Mechanical	
Dimensions (W x L x H)	30 mm x 88 mm x 115 mm
Environment	
Operating Temperature	-25 ~ +75°C
Storage Temperature	-30 ~ +80°C
Humidity	10 ~ 90% RH, Non-condensing

Internal I/O Structure



Dimensions (Units: mm)



Pin Assignments

Terminal No.	Pin Assignment
01	NO0
02	COM0
03	NO1
04	COM1
05	NO2
06	COM2
07	NO3
08	COM3
09	NO4
10	NC4
11	COM4
12	NO5
13	NC5
14	COM5
15	NO6
16	NC6
17	COM6
18	NO7
19	NC7
20	COM7

Wire Connections

Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Form A Relay Contact	Relay ON 	Relay OFF
Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Form A Relay Contact	Relay ON 	Relay OFF

Ordering Information

I-8068	4-channel Form-A Relay Output and 4-channel Form-C Relay Output Module (Blue Cover)
I-8068 CR	4-channel Form-A Relay Output and 4-channel Form-C Relay Output Module (Blue Cover) (RoHS)
I-8068-G	4-channel Form-A Relay Output and 4-channel Form-C Relay Output Module (Gray Cover)
I-8068-G CR	4-channel Form-A Relay Output and 4-channel Form-C Relay Output Module (Gray Cover) (RoHS)