



I-8060W-G

6-channel Relay Output Module

Features

- 6-channel Relay Output
- ± 4 kV ESD Protection
- 1500 V_{rms} Intra-module Isolation
- Wide Operating Temperature Range: -25 ~ +75 °C



Introduction

The I-8060W module provides 6 Form C Relay Output channels. The I-8060W includes 6 LED indicators that can be used to monitor the status of the Relay Output. ± 4 kV ESD protection and 1500 V_{rms} intra-module isolation are also provided to enhance the noise protection capabilities of the module in harsh industrial environments.

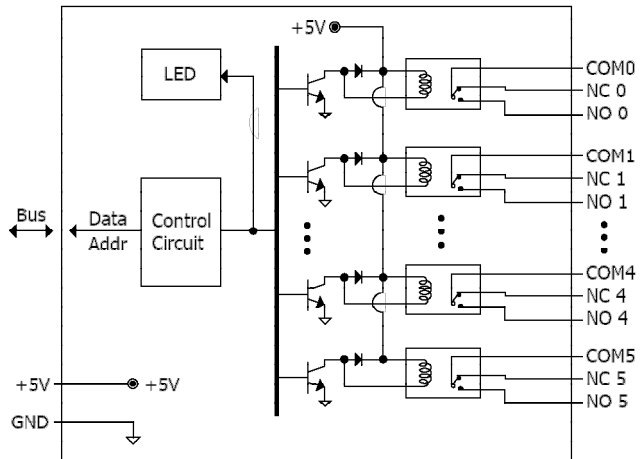
System Specifications

LED Indicators	
Power LED Indicator	1 LED as Power Indicator
I/O LED Indicator	6 LEDs as Relay Output Indicators
Isolation	
Intra-module Isolation, Field-to-Logic	-
EMS Protection	
ESD (IEC 61000-4-2)	± 4 kV Contact for each Terminal
Power	
Power Consumption	1 W max.
Mechanical	
Dimensions (W x L x H)	30 mm x 102 mm x 115 mm
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-40 ~ +85 °C
Humidity	10 ~ 90% RH, Non-condensing

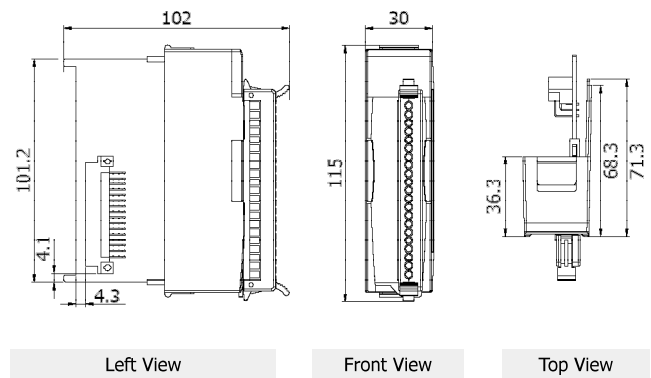
I/O Specifications

Digital Output		
Channels		6
Type		Power Relay, Form C
Contact Rating		0.5 A @ 125 VAC; 0.25 A @ 250 VAC; 2 A @ 30 VDC
Max. Load Current		2 A @ 23 °C
Max. Operate Time		10 ms max.
Max. Release Time		5 ms max.
Dielectric Strength	Between Open Contacts	1000 V _{rms} (at 1 Minute)
	Between Open Contacts	1500 V _{rms} (at 1 Minute)
Relay Life	Mechanical	100,000,000 min.
	Electrical	500,000 min. @ 30 VDC @ 2 A, Resistive

Internal I/O Structure



Dimensions (Units: mm)



Wire Connections

Output Type	ON State Readback as 1	OFF State Readback as 0
	Relay ON	Relay OFF
Relay Contact		

Pin Assignments

Terminal No.	Pin Assignment
01	NO0
02	NC0
03	COM0
04	NO1
05	NC1
06	COM1
07	NO2
08	NC2
09	COM2
10	NO3
11	NC3
12	COM3
13	NO4
14	NC4
15	COM4
16	NO5
17	NC5
18	COM5
19	-
20	-

Ordering Information

I-8060W-G CR	6-channel Relay Output Module (Gray Cover) (RoHS)
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