



I-8064 I-8064-G

8-ch Power Relay Module

Features

- 8-channel Power Relay Output
- Form A Power Relay Output
- 500 VDC Intra-module Isolation

Introduction

The I-8064 module provides 8 Form A Relay Output channels, and is an ideal solution for highpower applications. The I-8064 includes 8 LED indicators that can be used to monitor the status of the Relay Output channels, 4 kV ESD protection and 500 VDC intra-module isolation are also provided to enhance the noise protection capabilities of the module in harsh industrial environments.

System Specifications

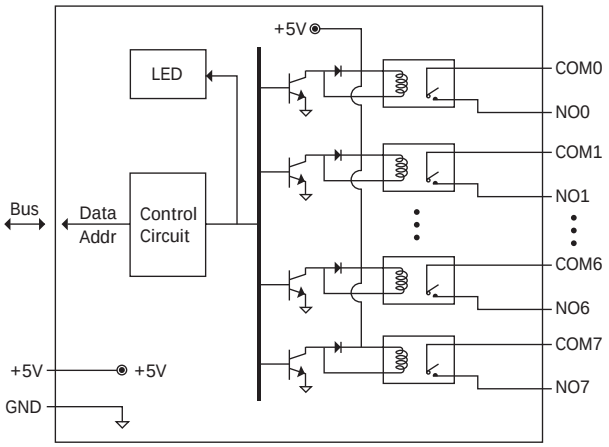
LED Indicators/Display	
System LED Indictors	1 LED as Power Indicator
I/O LED Indicators	8 LEDs as Power Relay Indicators
Isolation	
Intra-module Isolation, Field-to-Logic	500 VDC
EMS Protection	
ESD (IEC 61000-4-2)	±4 kV Contact for each Terminal
Power	
Power Consumption	1.1 W max.
Mechanical	
Dimensions (W x L x H)	31 mm × 116 mm × 88 mm
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	40 ~ +85 °C
Humidity	10 ~ 90% RH, Non-condensing

I/O Specifications

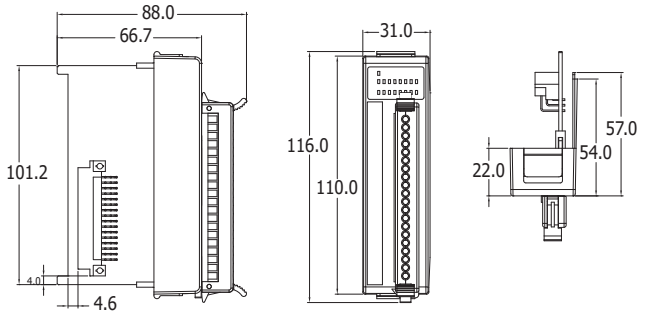
Relay Output	
Channels	8 (Form A, Normal Open)
Type	Power Relay
Contact Rating	5 A @ 250 VAC (47 ~ 63 Hz); 5 A @ 30 VDC
Operate Time	6 ms Max.
Release Time	3 ms Max.
Relay Life	Electrical Endurance: 100,000 Min. Resistive
	Mechanical Endurance: 2 x 100,000,000 Min.
Surge Strength	Between Open Contacts: 750 Vrms (@ 1 Minute)
	Between Coil and Contacts: 2000 Vrms (@ 1 Minute)

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Internal I/O Structure

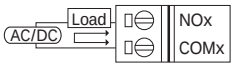
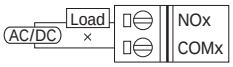


Dimensions (Units: mm)

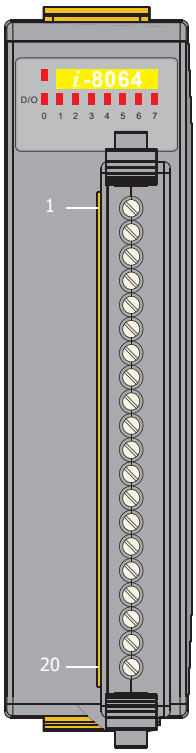


Left View | Front View | Top View

Wire Connections

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

Pin Assignments



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

Ordering Information

I-8064 CR	8-ch Form A Power Relay Module (Blue Cover) (RoHS)
I-8064-G CR	8-ch Form A Power Relay Module (Gray Cover) (RoHS)

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