

Relay Output & Isolated Digital Input Module **Model I-7060**

The I-7060 is a cost-effective, compact and robust 4-channel relay output and 4-channel isolated digital input module. Each module is addressable allowing up to 256 units to be linked together via a two-wire RS-485 connection with a baud rate up to 115.2 kbps. The I-7060 provides 3000V isolation between the module and the RS-485 communications network.

The module has a built-in dual watchdog timer: one monitors the module's firmware while the other watches the traffic to the host computer. Programming the I-7060 module is very easy. The host controller simply sends commands to each unit consisting of ASCII characters. The I-7060 module comes with DIN-Rail and wall mounting adapter hardware. This makes the product easily mountable anywhere.



Relay Output

Channels: 4 (dry contact)
Relay Type: 2 form "A" (SPST) N.O.
2 form "C" (SPDT)
Contact Rating: AC: 125 V @ 0.6 A; 250 V @ 0.3 A
DC: 30 V @ 2A; 110 V @ 0.6 A
Breakdown Voltage: 500 VAC (50/60 Hz)
Relay on Time: 3 ms (typical)
Relay off Time: 1 ms (typical)
Total Switching Time: 10 ms
Insulation Resistance: 1000M ohms minimum @ 500 VDC

Digital Input

Channels: 4 (isolated with common power)
Logic Level 0: +1 V max.
Logic Level 1: +3.5 V ~ +30 V
Isolation Voltage: 3750 Vrms
Input Impedance: 3K ohms @ 0.5 W

Specifications

Connections: Terminal blocks (accepts 16-22 AWG wires)
Operating Temperature: -13 to 167°F (-25 to 75°C)
Storage Temperature: -40 to 176°F (-40 to 80°C)
Voltage Input: 10 - 30 VDC
Power Consumption: 0.8 W
Dimensions: 4.8 x 2.8 x 1.3 in (12.3 x 7.2 x 3.3 cm)

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