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DESCRIPTION

The Multi-Mod Six Relay Output module (MMO-6R) provides six Form-C control relay outputs on one board. Its compact design affords ease of installation while using a minimum of wall space.

The MMO-6R connects to the Signaling Line Circuit (SLC) of the FCI 7200, FV7200, and 7100 Series fire alarm control panels. Each relay circuit on the MMO-6R occupies its own address on the control panel's SLC and can be programmed to respond to its own individual Control-by-Event sequence of operation. The address of the first relay is set to 01-94 by a pair of rotary code switches on the MMO-6R. Each remaining relay circuit is automatically assigned to its own subsequent address.

The MMO-6R module includes an address disable switch that allows one, two, or three addresses to be turned off to free these addresses for other purposes.

Each relay has its own status LED that blinks to indicate proper polling and turns on steady when the circuit has been activated.

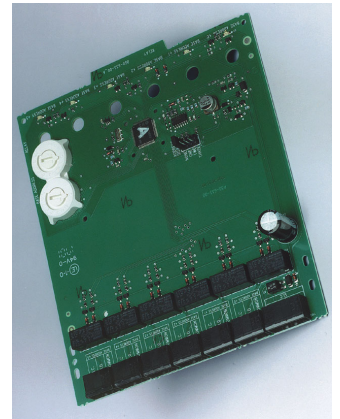
Two Multi-Mod Series units can be mounted in one MBB-2 cabinet. Additional mounting options include the MCH-6 chassis that can accommodate six Multi-Mod Series modules. The MCH-6 chassis can be installed in custom cabinets or mounted in the MBB-6 cabinet.

The Multi-Mod Series is ideal for applications where centralized location of circuits are required. As many as 36 Form-C relays may be located in a cabinet that is only 12.63" H x 24" W x 6.5" D in dimension saving valuable wall space in mechanical rooms and electrical closets and reducing cost of installation.

FEATURES

- ***Each Module provides Six Individually Addressed, Individually Programmable Form-C relays***
- ***Removable Wiring Terminal Blocks allow Ease of Installation and Servicing***
- ***Terminal Blocks can Accommodate 12 to 18 AWG Wire***
- ***Flexible On-board Jumper Configuration Feature allowing One, Two or Three Relay Addresses to be Disabled***
- ***A Wide Range of Contact Ratings***
- ***Designed for 7100 and 7200 Series Fire Alarm Control Panels***
- ***Individual LED Indicators***
- ***Suitable for Retrofit Applications***
- ***Ideal for Applications such as Elevator Control, AHU Control, Door Holder Release or Similar Functions requiring Multiple Relay Outputs***
- ***Two Mounting Cabinets Available for Two (MBB-2 Cabinet) to Six (MBB-6 Cabinet) MMO-6Rs***

MULTI-MOD RELAY OUTPUT



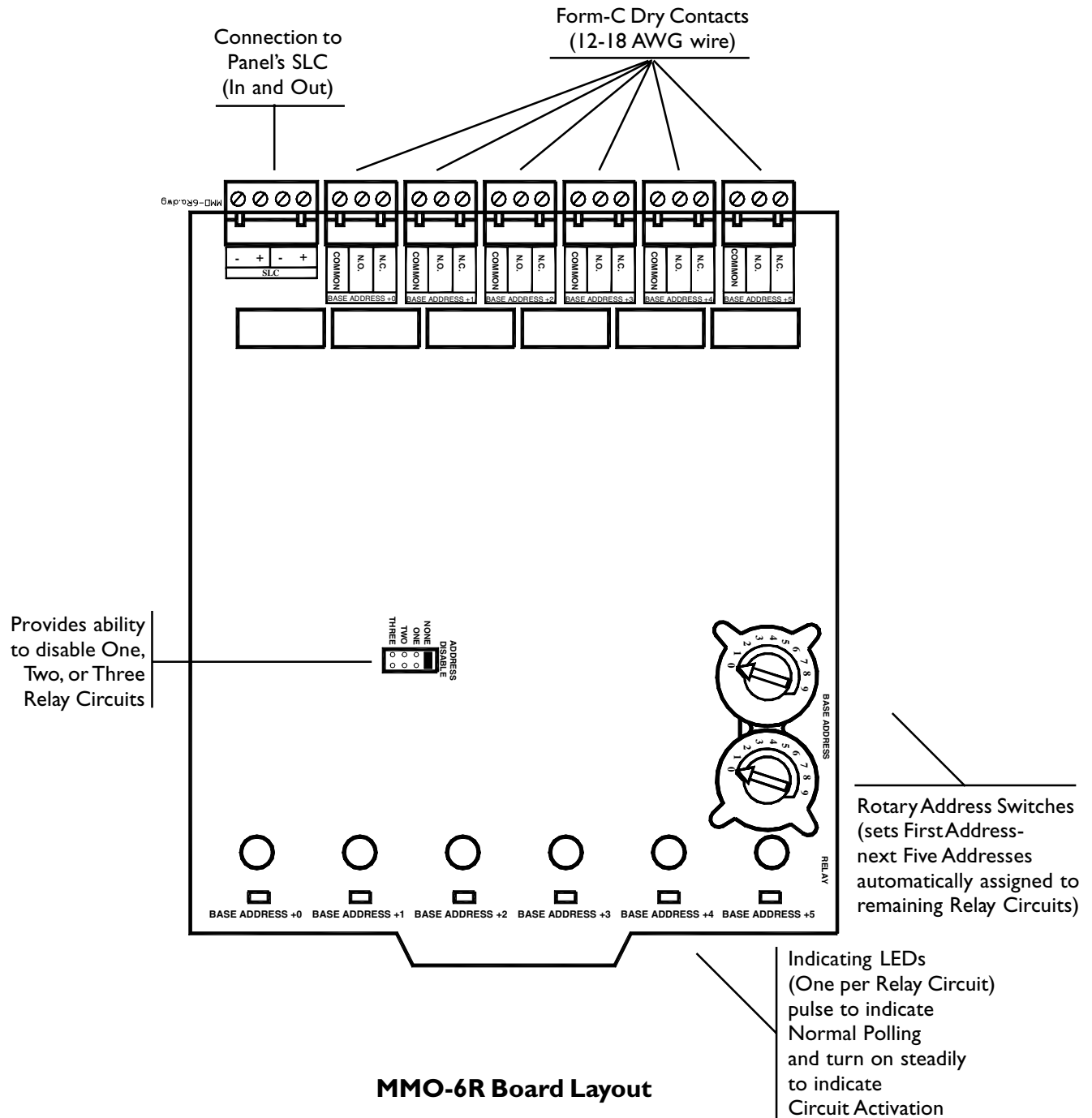
MMO-6R



An ISO 9001 Company

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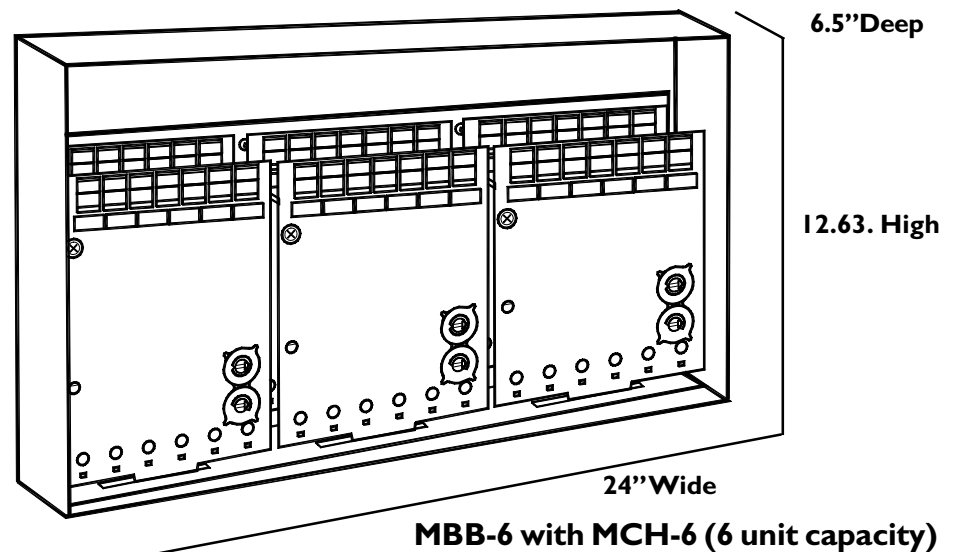
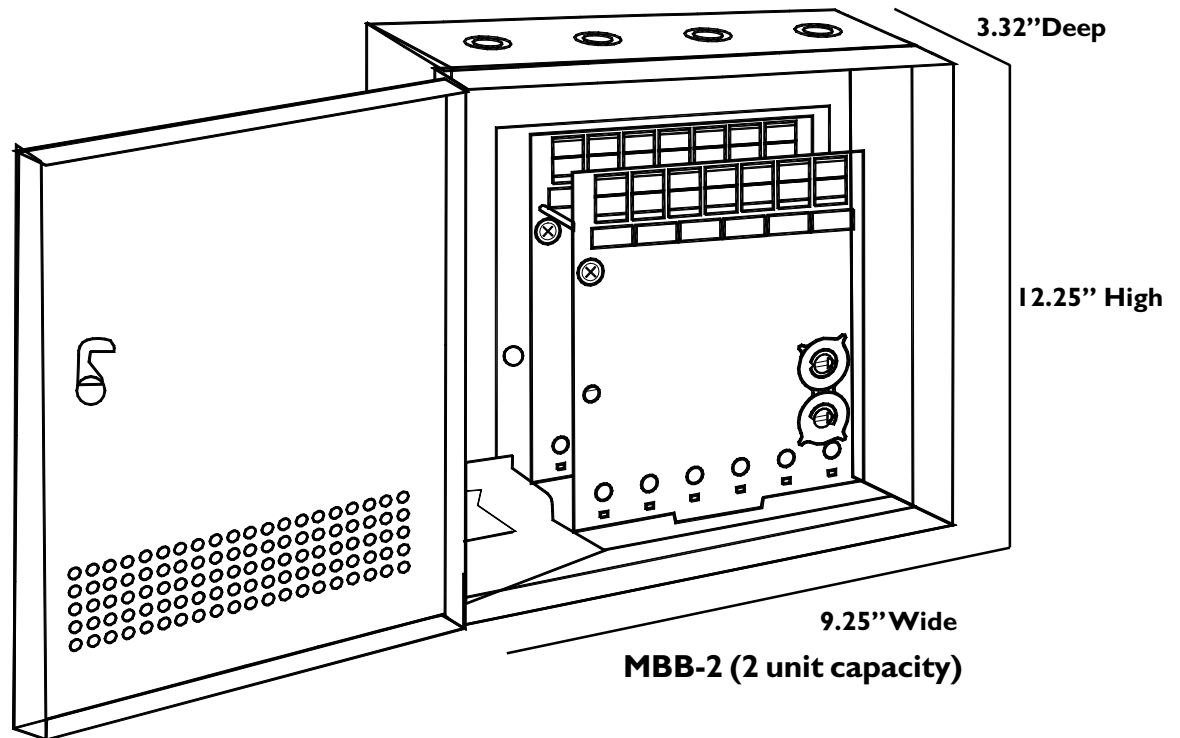


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SPECIFICATIONS

Operating Voltage	15-32 VDC
Stand-by Current	1.45 mA
Alarm Current	32 mA (with all six relays activated and all six LEDs on)
Relay Current	30 mA/ Relay Pulse
Relay Contact Ratings	(See Below)
Temperature Range	32° F to 120° F (0° to 49° C)
Humidity	10 to 85% Non-condensing
Dimensions	6.8" H x 5.8" W x 1.0" D (17.3 x 14.7 x 2.5 cm)
MBB-2	12.25" H x 9.25" W x 3.32" D (31.12 x 23.5 x 8.43 cm)
MBB-6	12.63" H x 24" W x 6.5" D (32.08 x 60.96 x 16.51 cm)

CONTACT RATINGS

<u>Current Rating</u>	<u>Maximum Voltage</u>	<u>Load Description</u>	<u>Application</u>
3A	30 VDC	Resistive	Non-coded
2A	30 VDC	Resistive	Coded
1A	30 VDC	Inductive (L/R= 2 ms)	Coded
0.5A	30 VDC	Inductive (L/R= 5 ms)	Coded
0.9A	110 VDC	Resistive	Non-coded
0.9A	125 VAC	Resistive	Non-coded
0.7A	70.7 VAC	Inductive (PF= 0.35)	Non-coded
0.5A	125 VAC	Inductive (PF= 0.35)	Non-coded

AGENCY APPROVALS

U.L. 864

ORDERING INFORMATION

PART NUMBER	MODEL	DESCRIPTION
190-90031	MMO-6R	Multi-Mod Relay Output
230-90000	MBB-2	Back Box, 2 Unit
230-90001	MBB-6	Back Box, 6 Unit, requires MCH-6
252-90003	MCH-6	6-Unit Mounting Chassis

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