

HM-D240CMO-UL



General

The HM-D240CMO-UL Addressable Relay Module provides the system with a dry contact output for activating a variety of auxiliary devices, such as fans, door holders, dampers, control equipment, etc. Addressability allows the dry contact to be activated through panel programming, on a select basis.

Applications

The HM-D240CMO-UL may be programmed to operate dry contacts for door holders, Air Handling Unit shutdown, etc., and to reset four-wire smoke detector power.

Construction

- The face plate is made of off-white, heat resistant plastic
- Controls include two rotary switches for direct-dial entry of address-setting
- The HM-D240CMO-UL is configured for a single Class B Notification Appliance Circuit
- The HM-D240CMO-UL provides two Form-C dry contacts that switch together

Operation

Each HM-D240CMO-UL uses one of the addresses on a SLC loop. It responds to regular polls from the control panel and reports its type and status. The LED blinks with each poll received. On command, it activates its internal relay.



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NOTE: Open/short supervision is suspended with the HM-D240CMO-UL.

Rotary switches set a unique address for each module. The address may be set before or after mounting. The built-in TYPE CODE (not settable) will identify the module to the control panel, so as to differentiate between a control module and a relay module.

FEATURES & BENEFITS

- Built-in type identification automatically identifies these devices to the control panel
- Internal circuitry and relay powered directly by two-wire SLC loop
- Integral LED "blinks" green each time a communication is received from the control panel and turns on in steady red when activated
- High noise immunity (EMF/RFI)
- Wide viewing angle of LED
- SEMS screws with clamping plates for wiring ease
- Direct-dial entry of address: 61 -99 for models SMX and STX

HM-D240CMO-UL Technical Specifications

PARAMETER	SPECIFICATION
Normal operating voltage	15 to 32 VDC
Maximum SLC current draw	6.5 mA (LED on)
Average operating current	230 μ A direct poll (CLIP mode) with LED flashing
EOL resistance	Not Used.
Temperature range	32°F to 120°F (0°C to 49°C)
Humidity range	10% to 93% non-condensing
Dimensions	4.5" (11.43 cm) high x 4" (10.16 cm) wide x 1.25" (3.175 cm) deep. Mounts to a 4" (10.16 cm) square x 2.215" (5.398 cm) deep box

Relay Contact Ratings

- **Load Descripton:** Resistive
- **Application:** Non-Coded
- **Maximum Voltage:** 30 VDC
- **Current Rating:** 3.0 A

Agency Listings and Approvals

Listing and approval below apply to the modules specified in this. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S35595

Product Line Information

HM-D240CMO-UL	Intelligent addressable relay module
SMB500	Optional surface-mount backbox
CB500	Optional control module barrier, required by UL for separating power-limited and non-power-limited wiring in the same junction box as HM-D240CMO-UL

NOTE: For installation instructions, see document CN-MN-0195 and refer to the SLC Wiring Manual.

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