

HM-DCMO-UL ADDRESSABLE CONTROL MODULE

General

The HM-DCMO-UL Addressable Control Module provides a circuit for Notification appliances like horns, strobes, and more. Addressability allows the HM-DCMO-UL to be activated through panel programming, on a select (zone or area of coverage) basis.

Applications

The HM-DCMO-UL is used to switch 24 VDC audible/visual 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-DCMO-UL is configured for a single Class B Notification Appliance Circuit

Operation

Each HM-DCMO-UL uses one of the module addresses on a SLC loop. It responds to regular polls from the control panel and reports its type and status, including the open/normal/ short status of its Notification Appliance Circuit (NAC). The LED blinks with each poll received. On command, it activates its internal relay. The HM-DCMO-UL supervises Class B notification or control circuits.

Upon code command from the panel, the HM-DCMO-UL will disconnect the supervision and connect the external power supply in the proper polarity across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay turned ON. The external power supply is always relay-isolated

FEATURES & BENEFITS

- Built-in type identification automatically matches devices to the control panel
- Internal circuitry powered directly by a two-wire SLC loop The HM-DCMO-UL module requires power (for horns, strobes, etc.)
- Integral green LED blinks each time a communication is received from the control panel and turns on steady red when activated
- High noise immunity (EMF/RFI)
- The HM-DCMO-UL may be used to switch 24-volt NAC power
- Wide viewing angle of LED
- SEMS screws with clamping plates for easy wiring
- Direct-dial entry of address: 61-99 for models SMX and STX



HM-DCMO-UL

from the communication loop, so that a trouble condition on the external power supply doesn't interfere with the rest of the system. 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) of the control panel will identify the module, so as to differentiate between a module and a sensor address.

HM-DCMO-UL Technical Specifications

| PARAMETER | SPECIFICATION |
|---------------------------|---|
| Normal operating voltage | 15 to 32 VDC |
| Maximum SLC current draw | 6.5 mA (LED on) |
| Average operating current | 350 μ A direct poll (CLIP mode) with LED flashing |
| External supply voltage | maximum 80 Volts (RMS or DC) |
| Drain on external supply | 2 mA maximum (using internal EOL relay) |
| EOL resistance | 47K ohms |
| Temperature range | 32°F to 120°F (0°C to 49°C) |
| Humidity range | 10% to 93% non-condensing |
| Dimensions | <ul style="list-style-type: none">• 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 |

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 Listed:** S35595

Product Line Information

| PARAMETER | SPECIFICATION |
|------------|---|
| HM-DCMO-UL | Intelligent addressable control 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-0194 and refer to the SLC Wiring Manual.

For more information,

<https://honeywellbuildings.in>

Call: 1-800-103-0339

Email: HBT-Indiabuildings@honeywell.com

Honeywell HBT India Buildings

Unitech Trade Center, 5th Floor, Sector-43,
Block C, Sushant Lok Phase - I,
Gurgaon - 122 002

www.honeywell.com

© 2020 Honeywell International Inc.

HM-DCMO-UL
ADDRESSABLE CONTROL MODULE

Honeywell