

EAGLE SERIES - FIRE ALARM SYSTEMS

DUAL RELAY MODULE

LE-DCP-R2M



DESCRIPTION

The Dual Relay Module (LE-R2M), has been designed to provide flexible and quick response to emergency conditions. The LE-R2M allows independent control of two form C contacts for a variety of normally open and normally closed contact applications such as fan operation, elevator recall, door closure, and auxiliary notification.

Each LE-R2M module provides independent control of two Form C contacts while utilizing one SLC (Signaling Line Circuit) address. The LE-R2M module has a highly configurable programming algorithm that allows the user to setup groups of devices (zoning) for simultaneous operation of multiple LE-R2M modules. Each module has 16 priority states that are programmed. The operating parameters are maintained by the module and do not require individual communication with the control panel during the emergency condition to operate. The control panel broadcasts the control command on the SLC loop and the LE-R2M modules do the rest based on their custom configuration. Since mechanically latching relays are used within the LE-R2M module, a separate 24VDC power source is not required.

FEATURES

- Provides two independently configurable Form C contacts per address
- Contacts are rated 1.0 Amps @ 30 VDC or 0.5 Amp @ 125 VAC
- Up to 127 devices can be used on each SLC loop
- Visible Bi-colored LED is software controlled and can be programmed to blink red or green when polled. The LED can be latched on when activated
- Programming is highly flexible providing 16 priority states plus zoning capability

SPECIFICATIONS

Contacts	2 Independently Controlled Form C
Contact Rating	1A @ 30 VDC / 0.5A @ 125 VAC
Standby Current	150 μ A Max.
Alarm Current	150 μ A Max.
Dimensions	4.2"W x 4.7"H x 1.4"D
Ambient Temperature	32°F (0°C) ~ 120°F (49°C)
Humidity	90% RH, Non-Condensing
Mounting	4" square electrical box



UL S24975

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Backside of a LE-R2M

ENGINEERING SPECIFICATIONS

The contractor shall furnish and install where indicated on the plans, the Lifeco LE-DCP-R2M addressable relay module. The modules shall be UL listed compatible with Lifeco Digital Communications Protocol (LE-DCP) supporting control panel loops. The relay module must provide two Form C dry contacts rated at 1A @ 30 VDC or 0.5A @ 125 VAC. The relay module must be suitable for mounting in a standard 4" square electrical box. The relay module must provide a bi-colored LED for indication of status.

WIRING DIAGRAM

