

RLYX COMMUNICATING RELAY MODULE



SUBMITTAL



RLYX **Communicating Relay Module** **For Generic Load Control**

DESCRIPTION

The Zonex Systems RLYX is a communicating relay module, which provides programmed ON and OFF schedules for auxiliary devices such as blowers, fans, lighting, etc. The *GEN X* or *GEN UC* Scheduling program provides Occupied – Unoccupied events each day for each RLYX, including vacation days. The control status of the RLYX is displayed on the Zonex Systems Mobile App.

The RLYX consists of 5 SPDT relays for controlling 24vac circuits. The RLYX is powered by its own 24volt 40va transformer. Multiple RLYX devices can be utilized to control more than 5 generic loads.

The RLYX requires a unique address from 01 to 20 and communicates via a 3 wire twisted pair communications buss to its *GEN X* or *GEN UC*.

OPERATION

The RLYX requires a unique address for system communication. The ON – OFF times for the RLYX are entered in the Schedule tab via the Zonex Systems Mobile App.

When the RLYX is in the occupied mode, the on-board relays are energized. In the Unoccupied mode, the relays are de-energized. The mode status is displayed on the Mobile App overview screen for the RLYX control board.

NOTE: The SPDT relay outputs are pilot duty dry contacts rated for a maximum load of 2 amps on 24vac circuits only. Additional pilot relays may be required for proper circuit control.

TECHNICAL DATA

Electrical

Supply Voltage: 24vac

Power Consumption: 4 VA maximum

Output: 5 – SPDT dry contacts, 2A @24vac

Communication: RS-485

Comm. link maximum length: 4,000 ft.

Environmental

Operating temperature: 32° to 130° F (2 to 54° C)

Operating humidity: 5% to 95% non-condensing

Storage temperature: 0° to 150° F (-18 to 66° C)

Enclosure Dimensions: 6 ¼" x 4 ¼"x1"

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