

**ALC3-RCM-12
Relay Control Module**

Output Select Buttons

During normal operation, pressing button toggles output to ON or OFF.

When programming (non-dim or patch), pressing button selects or de-selects output.

Output Indicator LEDs

LED is on when output is triggered during normal operation.

LED is also on when output is selected during programming.

Outputs

12 outputs (6 per side). Compatible with all models of Douglas 2-wire latching relays.

Maximum number of relays per output: 2.

Relay outputs trigger ON when slider level exceeds 10%.

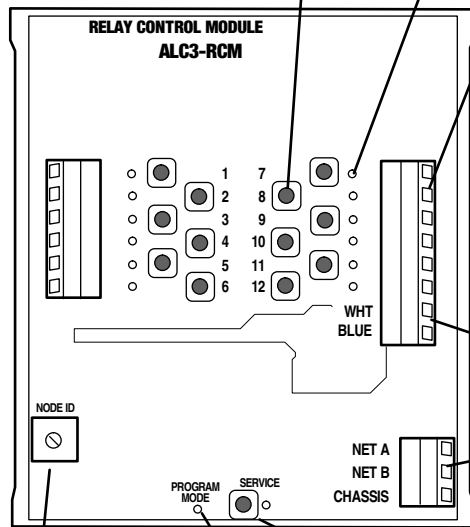
Fade rates and up to 128 presets can be stored for each output.

Power

24VAC, 50ma.

Data Signal

Standard twisted pair, unshielded 16AWG Beldon #85102 or



Node ID Select

Assign unit an ID by turning center screw with flat screwdriver. (This is usually done at the factory.)

Up to 16 Dimmer Control, Ballast Control and/or Relay Control Modules can exist in a Dilor Network. Each must have a different ID, unless they are operating the same circuit in parallel.

Program Mode Indicator LED

LED is on when Patch mode is initiated at a control station.

Select an output to be under control of the selected slider by toggling its Output Select Button.

Service Button

Press and hold to check power. Indicator LED goes on if unit has power.

DESCRIPTION

- The ALC3-RCM-12 is designed to control Douglas latching relays in conjunction with control signals from ALC3 control stations. The ALC3-RCM-12 is mounted in a relay panel and is connected to the data signal from an ALD-2800-750 Active Link Power Interface.
- There are 12 outputs available. Each output will trigger ON when the level of the associated ALC3 control station slider exceeds 10%.
- An ON/OFF button and status LED is provided for each output. The unit does not have to be connected to the data signal for the buttons and LEDs to function.
- Up to 128 presets, as well as the fade rates, can be stored for each output.
- The ALC3-DCM-12 is designed to mount on DIN rail in a Douglas relay panel and to receive 24VDC power from the relay panel transformer and the data line signal from an ALC3-2800-750 Active Link Power Interface.

SPECIFICATION

Power

- 24VAC, 50ma.
- Current draw does not include power required to switch relays.

Data Signal

- Standard FTT-10 (78kbds) type.

Outputs

- 12 relay outputs compatible with all models of Douglas 2-wire relays.
- Maximum number of relays per output: 2.
- Relay outputs operate sequentially to limit relay switching power requirements.
- If relay is remote from the ALC3-RCM, the maximum #18AWG wire length from the output terminal to the relay is (1 relay) 600m/2000' (2 relays) 450m/1500'.

Environment

- Indoors, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity.
- Ambient operating temperature: 0°F to +120°F (-15°C to +50°C).

DIMENSIONS & MOUNTING

