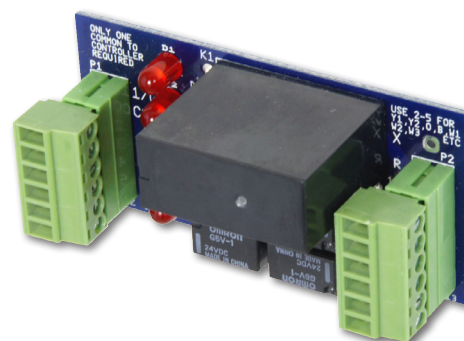




Overview

The Universal Controller Relay Board (UCRB2) is used to interconnect a DDC controller's digital outputs to any device that requires a conventional thermostat input. The output plug has terminals for R, G, Y1, Y2, W1, W2.

There are five inputs that control five relays. The first relay's output (1/G) is an interlock for the other four, outputs 2, 3, 4 or 5 will not change state until output 1/G is on. In other words, heating/cooling will be disabled if the fan is turned off. The UCRB2 fits into 2.75" snaptrack and requires 1.4" of track.



UCRB2 Module

| Part Number | Description |
|-------------|----------------------------------|
| BA/UCRB2 | Universal Controller Relay Board |

Specifications

Input Voltage

23 to 26 VDC (1/G, 2, 3, 4 & 5)

Input Current

1/G 22 mA @ 24 VDC
2, 3, 4 & 5..... 6.25 mA @ 24 VDC

Output Current

1/G 8A @ 24 VAC
2, 3, 4 & 5..... 0.8A @ 24 VAC

Temperature

Operating -40°F to 158°F (-40°C to 70°C)
Storage -40°F to 158°F (-40°C to 70°C)

Humidity

0 to 95% RH noncondensing

Screw Terminals

16 to 28 AWG (1.29mm to 0.32mm)

PCB

FR4 94V0

