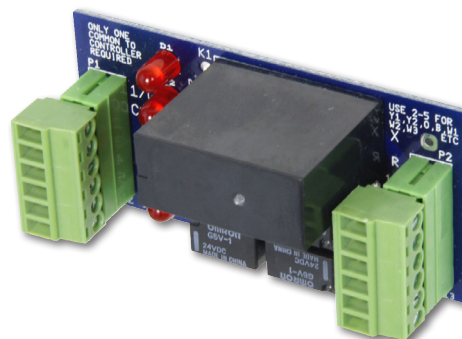




## Overview

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	List Price
BA/UCRB2	Universal Controller Relay Board	\$100

Submittal datasheets without List Prices are available on our website at [www.bapihvac.com](http://www.bapihvac.com)

## 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

