

# R-115S, RC-120S Recom Relay Switch

Each Remcon relay has a built-in transformer for unit control. Each relay in the system operates independently from and has no effect upon other relays. Install as little as one relay and operate it with as many switches as is desired.

## Features

- **Switches AC power ON and OFF** using low voltage control circuit
- **Single relay** can be controlled by multiple switches and multiple relays can be controlled by single switch
- **Light #22 gauge cable** can be used to control relay instead of Romex or armored cable – significant time & cost savings
- **Built in transformer**, no step down transformers necessary
- **AC Voltage** from 105 to 125 V
- **AC Current up to 6.5 A** (1/4 HP max motor load at 120 V)
- **Frequency:** 50-60 Hz
- **Safe control switching:** 10 V DC max and 10 milliamps max



**R-115S**  
Momentary Switch Type Relay



**RC-120S**  
Closet-light Type Relay



### Safety Certification

All Amprobe tools, including the Amprobe R-115S and RC-120S, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.





# Specifications

	R-115S	RC-120S
AC current rating	6.5 Amps max. Resistive, Tungsten, or Ballast Load, ¼ HP max. Motor Load at 120 VAC.	Resistive, Tungsten, 6.5 Amps max, at 120 VAC, ¼ HP Motor Load.
AC voltage rating	105 to 125 VAC, 50-60 Hz.	
Control switching current	10 milliamps max.	
Control switching voltage	10 VDC max. isolated from AC line.	
Control switch closure time	5 milliseconds min.	
Ambient operating temperature	104 °F (40 °C) max. for full rated output.	
Operation	Momentary contact closure of control wires turns AC power ON or OFF.	Contact closure of control wires turns AC power ON.

**Optional Accessories:** MB-1 Mounting Bracket



# Applications

- Industrial control
- Where isolated low voltage is needed for safety reasons
- Higher current (up to 6.5 amps, 1/2 HP)
- Long distance remote operations
- Hostile or hazardous environments
- Alarms
- Plant process controls
- Computer control
- Meet building codes in new installations
- Where UL certification is required