



RS114/RS115/RS314

A10, S.P., 120 VAC and 277 VAC Feed Thru Wall Switch Receiver

FEATURES

- Advanced A10 circuitry, X10 Signal Compatible
- X10 Standard Code (256 Addresses)
- Two way powerline communication, reports status upon "Status Request"
- Automatically updates transmitters with same address
- Equipped with a 20A Form A relay (15A on RS115)
- Easy Push Button Configuring for Standard Unit Address ON/OFF and:
 - Response to "All Lights On" Command
 - Response to "All Units On" Command
 - Response to "All Lights Off" Command
 - Enabling or disabling "Polite Mode"
 - Set LED to be "ON" (direct acting) or "OFF" (reverse acting) when load is off
- Available in White, Ivory, or Almond



APPLICATIONS

- Switch can be controlled from remote location by another similar addressed transmitter
- Switch provides remote ON/OFF control of lighting or any electrical load

PRODUCT DESCRIPTION

The RS114, RS115 and RS314 units are A10 enhanced powerline carrier switch receivers controlling a single internal form A latching relay. They may be remote controlled specifically by its address, or through groups by the commands ALL LIGHTS ON, ALL LIGHTS OFF, or ALL UNITS OFF. These global commands must be configured.

When the RS local push-button is activated, it will

transmit the corresponding Status Reply two seconds later.

A status LED verifies power to unit, and guides a simple configuring procedure. The LED on the face is a guide in configuring and also indicates status and power. The RS series of wall switch receivers can be configured to any of the standard 256 individual X10 addresses.

ORDERING INFORMATION

Specify:	RS114I (Ivory) - 120 VAC, 20A	(Decorator Wallplate not included)
	RS114W (White) - 120 VAC, 20A	(Decorator Wallplate not included)
	RS114A (Almond) - 120 VAC, 20A	(Decorator Wallplate not included)
	RS314I (Ivory) - 277 VAC, 20A	(Decorator Wallplate not included)
	RS314W (White) - 277 VAC, 20A	(Decorator Wallplate not included)
	RS314A (Almond) - 277 VAC, 20A	(Decorator Wallplate not included)
	RS115I (Ivory) - 120 VAC, 15A	(Decorator Wallplate not included)
	RS115W (White) - 120 VAC, 15A	(Decorator Wallplate not included)
	RS115A (Almond) - 120 VAC, 15A	(Decorator Wallplate not included)

SPECIFICATIONS

Electrical Requirements

Power

Supply Voltage	Voltages specified in Ordering Information, +/-10%
Frequency	50 or 60 Hz

Signal

Signal Input	120 KHz, X10 Powerline Carrier, sensitive to 25 millivolts
Signal Output (Status)	120 KHz, X10 Powerline Carrier, minimum 6V peak to peak @ 5 ohm

Controlled Output

Internal Form A Relay	Enclosed, flying lead connections
Maximum switching power	RS114 - 2400VA RS314 - 5540VA RS115 - 1800VA (15A)
Maximum switching voltage	RS114 - 132 VAC RS314 - 305 VAC RS115 - 132 VAC
Maximum switch current	20 Amps (15 Amps for RS115)

Internal Relay Life Cycles at Listed Loads

(RS114 and RS314) 100,000 Operations
20A, 277 VAC, General Use
20A, 120 VAC, General Use
10 FLA, 60LRA, 250VAC
1 H.P., 120/240 VAC
Pilot Duty A300
TV8 (Tungsten), 120 VAC

Internal Relay Life Cycles at Listed Loads

(RS115) 100,000 Operations
20A, 120 VAC, General Use
1 H.P., 120/240 VAC
Pilot Duty A300
TV8 (Tungsten), 120 VAC

Fuses

One (1) .5 amp slow blow on control circuit, factory replaceable only

Mechanical Requirements

Dimensions (Overall)	4.20" L x 2.44" W x 1.6" H (fits in 2" x 4" electrical box)
Weight	Approx. 4.5 ounces
Mounting	Mounting plate for 2" x 4" electrical junction box
Connections	Flying Leads: BLACK (Line)-12 AWG, BLUE (Load)-12 AWG, WHITE (Neutral) -18 AWG, GREEN (Ground) - 18 AWG.

Environmental Requirements

Operating Temperature	32 to 120 degrees F
Storage Temperature Range	-20 to 150 degrees F
Operating Humidity	10% to 95% non-condensing

Specifications may change without notice to improve product performance.