RD124

A10, 120 VAC, 300W, Plug-in Dimmer
Standard and Extended Addressing

FEATURES

- Plug-in Dimmer with push button local control
- Easy Push-Button Programming for Unit Address
- Supports and remembers up to 4 scenes plus support of the following:

    Most Type 3 Extended code commands which include preset Dim commands

    Standard Code Preset Dim commands

    Standard Code On, Off, Bright and Dim, All Lights On, All Lights Off, and All Units Off

- Remembers DIM levels, and restores after power loss
- Soft Start - starts OFF and increases to preset dim level
- Load Sense - when load is plugged in Dimmer turns on
- 300W capacity
- Advanced A10 circuitry, X10 Signal Compatible

APPLICATIONS

- Dimmer can store DIM levels for easy re-creation of lighting levels (scenes)
- Provides remote ON/OFF and dimming control of lighting.

PRODUCT DESCRIPTION

The RD124 is an A10 enhanced powerline carrier dimming receiver. Unit responds to On, Off, Bright, Dim, All Lights On, AllLights Off and All Units Off.

A10 circuitry remembers last dim level for restoration of dim level upon power up. A lamp plugged into the RD124 aids in configuring the unit address.

The RD124 is programmable to any of 256 addresses, and up to 4 relative scenes. The dimmer has 16 steps over the entire dimming range (64 steps with Extended Code, 32 steps with Preset Dim code).

Besides aiding in setting the address, the push-button will turn the RD124 on or off with a tap, or slowly brighten or dim with press and hold.

ORDERING INFORMATION

Specify: **RD124** - 120 VAC

SPECIFICATIONS

Electrical Requirements

Power

Supply Voltage	120 VAC, +/-10%
Frequency	50 or 60 Hz

Signal

Signal Input	120 KHz, X10 Powerline Carrier, sensitive to 50 millivolts

Controlled Output

Maximum switching power	300 watt maximum incandescent lamp load
Circuit protection	Over-current protected with non-field replaceable fuses. Circuit surge protected with MOV.

Mechanical Requirements

Dimensions	4.76" H (121cm) x 2.42" W (6.15cm) x 1.55" D (3.94cm)
Weight	.32 pounds (0.15kg)

Environmental Requirements

Operating Temperature	32 to 120 degrees F (0-49 degrees C)
Storage Temperature	0 to 150 degrees F (-18 to 66 degrees C)
Operating Humidity	5% to 95% non-condensing

Specifications may change without notice to improve product performance.