AlertCam RS

Wire free remote 1500w switching unit for use with AlertCam

AlertCam RS is an optional accessory for use with the AlertCam standalone PIR with integral camera and recording device. AlertCam can send wireless signals to trigger switching of a 240VAC supply for a preset time. Please read these instructions carefully prior to installation and retain them for future reference. AlertCam RS should not be modified. If any modification is made, it will invalidate the warranty and may render the product unsafe. **This unit operates at 240VAC. Extreme care should be taken during installation. If in doubt consult a qualified electrician with high voltage working experience.**

IMPORTANT

AlertCam RS can be remotely switched from an installed AlertCam as soon as power is applied .

BEFORE COMMENCING AN INSTALLATION ENSURE THE POWER SUPPLY TO THE ALERTCAM RS AND ASSOCIATED ALERTCAM IS SWITCHED OFF AT THE FUSE BOX AND FUSE REMOVED TO PREVENT ACCIDENTAL SWITCHING DURING INSTALLATION.

INSTALLATION & OPERATION

1. Before installing AlertCam RS the unit needs to be associated with the AlertCam from which it will be receiving trigger signals. To do this the RF switch code on both units must be the same. Set the four dip switches on the AlertCam to your chosen setting and then replicate the same setting on the four dip switches on the AlertCam RA. This operation does not require power to be applied to either unit.

2. AlertCam RS can be connected to a circuit protected by a 5A fuse or 6A residual current device. AlertCam is only suitable for connection to a 220 / 240V, 50 Hz supply and in accordance with current wiring regulations and building regulations and is for domestic use only.

   • Maximum Load. (Incandescent Lamps) 1500 Watts

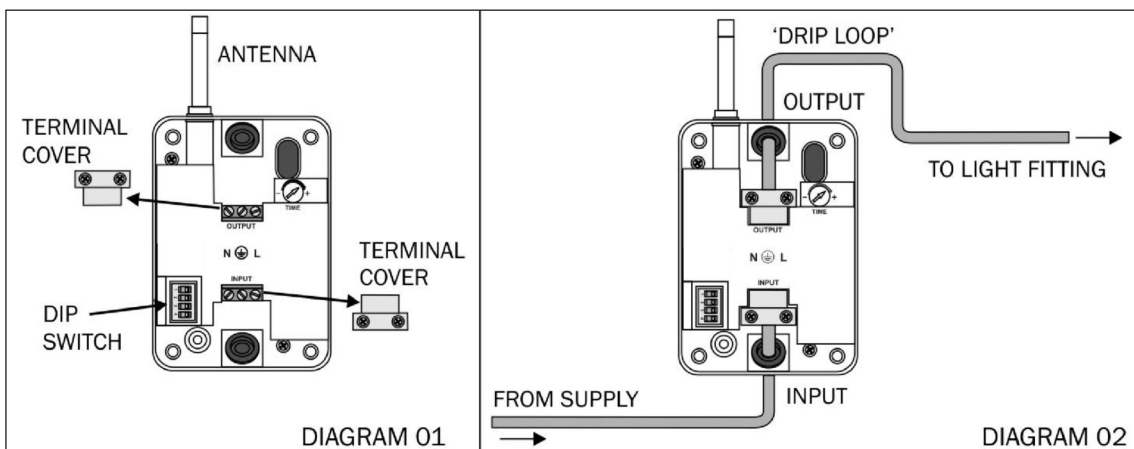   • Maximum Load. (Fluorescent and CFL Lamps) 800 Watts

INSTALLATION / WIRING CONNECTION

The installation location of the AlertCam RS must be in a position away from: Heat Sources. (Air Conditioning Units, Heat Vents / Extractors etc) Other Radio Receivers (Remote Garages / Gates etc). Plus away from large metal objects (Garage Doors, Railings etc) this is to ensure the trigger signal is not affected. For maximum receiption range (60M) the antenna must be pointing upwards with a clear line of sight to the associated AlertCam.

IMPORTANT NOTE

AlertCam RS is designed for many other uses as well as light switching. The trigger signals from AlertCam are not controlled by its integral photocell. Should you be using AlertCam RS to switch lighting it is likely you will wish to install an independent photocell or time control device between the output from AlertCam RS and the light fittings.

1. Although the AlertCam is water resistant IP44 it is good practice to place the unit in an area that is not subject to direct rainfall or other water sources. Bring cables to the installation location (Note Input from the bottom and Output from the top. Also note the 'Drip Loop' used to ensure that excessive rain water does not run down the cable towards the unit) (See Diagram 02)

2. Pierce the rubber grommet with a slim screwdriver and insert the cables through the rubber grommets.

3. Fix the unit to the wall via the two fixing holes.

4. Remove the terminal covers to access the terminal blocks.

5. Connect the supply cable to the input terminal block. Blue (Neutral) Yellow / Green (earth) Brown (Live) Ensure there are no loose strands of bare cable. All strands should be inside the terminals.

6. Connect the switched cable to the output terminal block. Blue (Neutral) Yellow / Green (earth) Brown (Live). Ensure there are no loose strands of bare cable. All strands should be inside the terminals.

7. Check to make sure cable colours are placed opposite each other in both terminal blocks.

8. Replace the terminal covers, ensuring you do not damage the cable and the cable sheathing is secured inside the cable grip.

9. Set the time using the time dial located to the right of the output terminals.The time dial controls how long the output power will remain switched once activated by a trigger signal from AlertCam. Turning the dial fully clockwise will set the unit to it longest time 7 Mins , fully anti-clockwise will set it at its shortest setting. 5 seconds.

10. Replace the front cover taking care to ensure the rubber seal is in position and the securing screws are firmly sited.

11. Switch on power to AlertCam and associated AlertCam RS only after replacing the front cover. Should adjustments need to be made to the time control dial ensure power is removed before opening front cover.

DIAGRAM 01 / DIAGRAM 02