

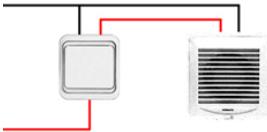
## Single-Button Appliance Micro Switch



### Install method:

- \* Shut off power.
- \* Connect according to the labelling on the module.
- \* Module "L-IN" connects with Line (Active).
- \* Module "N-IN" connects with Neutral.
- \* Output "1" connects with Load.

### Install graphic:



### Technology Specification:

- \* Rating voltage 230V a.c  $\pm 10\%$  50Hz
- \* Appliance and Fluorescent lamp Load < 800W
- \* Device power usage < 1W
- \* Suitable temperature -10 to 50 degrees C
- \* Back part small size 43.25 X 47 X 18.9mm

### Features

- \* On/Off control of load (no dimming).
- \* Conveniently, codes are electronically set and can be programmed in only 6 seconds.
- \* Ability to control from remote location through computer or telephone interface.
- \* Responds to the "All Lights ON and All Units OFF" commands.
- \* Local 'manual' control.
- \* Responsive to weak signals (25mV).
- \* Built in noise filter.
- \* Compatible with any X10 controller. Eg. Mini-controllers, Wireless series, Wall switch controllers, Telephone controllers, Computer controllers etc.

### Usage:

With convenient connection method, the #2224E can be connected to appliances (eg on/off lamp, exhaust fan). To control manually, press the top button to

turn the appliance on, press the bottom button to turn off. Once installed, the product can be controlled not just with manual control, but also from any X10 controller. There are many X10 controllers available, including remote controls, touch screens, computer interfaces, telephone interfaces etc, contact us for more information.

### Setting method:

To enter the setup mode, press the top button once, followed by the bottom button three times, holding the third press down for 5 seconds. When in setup mode, the appliance connected to the #2224E will TURN ON, indicating that the device has entered the address setup mode. Next, from any X10 controller, simply send an X10 On command for the address that you wish the module to be programmed to (eg A3 ON). Upon successful programming, the appliance connected to the #2224E will TURN OFF, indicating that the module has been successfully programmed and has left the setup mode. Note that the module will exit from setup mode if no instructions are received within 8 seconds.

Notice: If your load is fluorescent lamp, after entering setup mode, **Use your Mini-controller transmits "All On" signal**, the Micro Module will respond to "All lights On" command; while if the load is appliance, **you should transmit "All Off" signal**, the Micro Module will not respond to "All lights On" command;

### Problem resolution:

If your X10 controller transmits a command and the receiver modules do not respond, please check:

- Check whether your controlled units are powered, and make sure your controller is turned ON and powered.
- Check whether the code transmitted by the controller is consistent with the code of the modules you wish to control.
- Plug the receiver module and X10 controller into the same receptacle or powerboard. If this still causes a problem then please contact your place of purchase for further technical assistance.