UPB Power Switches (ON/OFF).
2400Watt and 4800Watt versions

Wiring Instructions

STATUS GREEN/RED LED will also flash when sending and receiving DATA.

Terms Used:
Snap On or OFF means instant switch ON 100% of OFF 0%.
Note: power switches only switch ON or OFF they do NOT have dimming functions even though a dimmer ICON and full dimmer options are shown on Upstart computer software.

Default settings:

Once unit wired and powered up you can do an MANUAL STAND ALONE UNIT TEST.
Press ON button when off = switch LOAD ON
Press OFF button when on = switch LOAD OFF
Press ON button twice when off (quickly) = switch LOAD ON
Press OFF button twice when on (quickly) = switch LOAD OFF
Hold ON button down when OFF = switch LOAD ON
Hold OFF button down when ON = switch LOAD OFF
Note: Unit may be programmed with different switch functions, this will make the output RELAY buzz when switching ON or OFF, see programming to set to ON / OFF only.
This is known as a “SNAP” function
Manual LINK Mode
(programming which switch button or buttons will operate this Power switch)

1: Make sure Load is ON and Power switch is in SET UP MODE. Press Power switch button 5 times (quickly within 2 seconds) the load will flash and GREEN STATUS LED will flash.

2: Press WALL SWITCH button you want to LINK to control Power switch 5 times (quickly within 2 seconds) to enter SWITCH SETUP MODE, button will flash.

3: If LINK is established then Power switch will flash load connected to it to acknowledge link.

4: Double press the WALL SWITCH button (exit setup). Button will now switch load ON and OFF
Note: Wall switch will only switch load ON or OFF when single or double pressed, holding button down has no function (disable dimming). Use the same procedure with 10 presses of wall switch will erase the link.

Settings as seen by UPB Upstart computer program after ERASED.
Button and LED functions.

Recommended Upstart computer program settings for FULL function on 1 UPB button.
Function 1: Single switch press when OFF = switch LOAD ON
Function 2: Single switch press when ON = switch LOAD OFF
Function 3: Hold down when OFF = switch LOAD ON
Function 4: Hold down when ON = switch LOAD OFF
Function 5: Double switch press when OFF = switch LOAD ON
Function 6: Double switch press when ON = switch LOAD OFF
Function 7: When switched ON by any method, a programmable timer from 1 to 240min (4 hours) will count down and switch OFF Power switch (optional upstart programmable feature).

Upstart menu setting for ON or OFF function recommended settings for Power switch.

Green LED ON when Load is OFF and RED led ON when Load is ON, not Blue when off.
Note: If home owner is using HCA computer control software then do not use Timer Auto-Shut-Off timer in upstart. If using this shutdown feature in upstart you can select the wall light switch ON indicator to switch off with Power switch.
Make sure UPB switch is set to Toggle button to remove dimming functions.

**Resting Power switch to FACTORY DEFAULT NETWORK 1 and automatically programming factory LINK’s 1 to 8**

Go to SETUP MODE first. Press any Power switch button 5 times (quickly within 2 seconds) the connected load will flash and GREEN STATUS LED will flash.
Then press any Power switch button on 10 times (quickly within 5 seconds)
If successful the Load connected to dimmer will flash and RED LED with flash.
Exit Factory Default Press any button 2 times (quickly within 1 second)

**NOTE: ONLY FACTORY DE FAULT ANY UPB DEVICE AS A LAST RESORT IF IT DOES NOT RESPOND. AFTER UNIT HAS BEEN FACTORY DE FAULTED YOU HAVE TO ADD IT AGAIN TO UPSTART AND ERASE OR MODIFY ALL CONFIGURATION AND LINKS. IF UPB SWITCH FACTORY DEFAULTED IT WILL CONTROL ANY FACTORY DEFAULTED DIMMER.**

**PLUG IN POWER SWITCH 2400Watt (10AMP)**
This module is used if you need to control any appliance that plugs into an Australian standard power point. The PLUG in Power switch has all the same features and setup procedures as other UPB Power switches.

NOTE: The icon on Upstart software will be the same as other hard wired Power switches, you will need to rename Device Name to PLUG IN type to indentify removable type as it may be moved from ROOM to ROOM buy end user.