COPYSWITCH
SECURITY LIGHT
SWITCH

Cat No. ZV410 (Single)
ZV415 (Double)

SMITHS TIMEGUARD

Manual ON/OFF switch (Doubles as Security Switch on ZV410)

Right Hand Security Switch (ZV415 only)

Light sensing window

LED window (lights during Learn mode set up)

Manual — Repeat

SMITHS Copyswitch

Simple to use Manual/Repeat dial
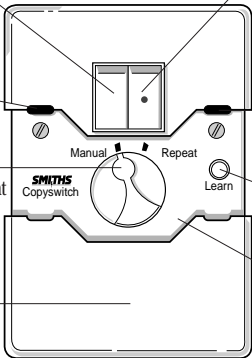
Learn

Learn Button

Concealed panel

Sliding cover

NOTE: On the ZV415 DOUBLE the right hand switch (red dot) acts as the security mode.

Copyswitch is a security light switch which remembers your ON/OFF switching patterns over 24 hours. Copyswitch will then repeat the switchings everyday until changed. Copyswitch also acts as a normal ON/OFF switch.
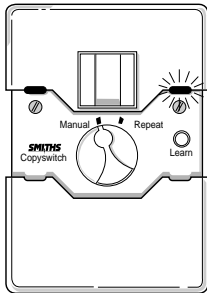
For Normal ON/OFF Use

Slide the front cover down and position setting dial in manual position. Slide cover back up. Copyswitch can now be used as as a normal light switch.

For Security Use

Slide the front cover down and position setting dial in **MANUAL** position. Press the **LEARN** button - the LED indicator in the righthand window will start flashing and will continue to flash during the next 24 hours (figure 1).

Figure 1
ZV410 Switch open

This shows the Copyswitch is in the learning condition. Slide the cover back up.

Now start programming your switch by simply switching ON or OFF as in normal use (figure 2) (for the ZV415 double Copyswitch use the red dot switch).
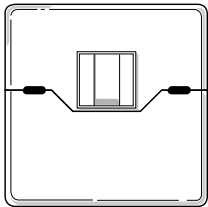

Figure 2 Switch closed

During this learn period the Copyswitch will behave exactly like a standard lightswitch but will remember the switching times you have programmed. Up to 9 ON/OFF switchings can be stored. Any subsequent switchings will be ignored. **REMEMBER THE LEARNING PERIOD IS 24 HOURS.** Once the learning period is over the LED indicator will stop flashing signifying it is ready for repeat operation. The LED now indicates when the light would be on if Copyswitch was set in repeat mode. Prior to using repeat, make sure the dial is in the **MANUAL** position.

If the light does not turn on then turn it on by operating the lightswitch (ZV415 - use the red dot switch). THE LIGHT MUST BE ON IN MANUAL BEFORE GOING TO REPEAT. Now turn the dial to **REPEAT** (figure 3). Copyswitch will now replay the ON/OFF switchings you have programmed everyday until reset to the manual position or switched off by the lightswitch.

Figure 3 Switch set to repeat mode

If you wish to reprogramme your ON/OFF times simply press the LEARN button and start again.

To Reset For Normal ON/OFF Use

Slide the front cover down and re-set the setting dial to Manual operation - light will turn on. Switch off at the switch (ZV415 - use red dot switch). Copyswitch can now be used as a normal switch.
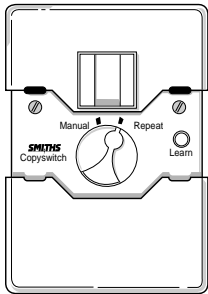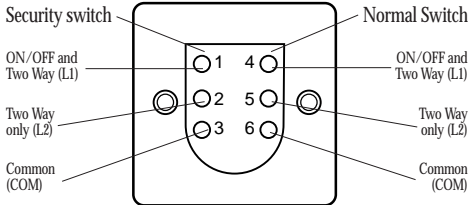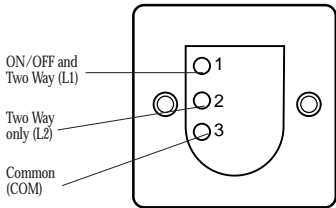
ZV415 Double Copyswitch

Security switch — | — Normal Switch

ON/OFF and Two Way (L1) — ○ 1   4 ○ — ON/OFF and Two Way (L1)

Two Way only (L2) — ○ 2   5 ○ — Two Way only (L2)

Common (COM) — ○ 3   6 ○ — Common (COM)

ZV410 Single Copyswitch

ON/OFF and Two Way (L1) — ○ 1

Two Way only (L2) — ○ 2

Common (COM) — ○ 3

Important

If a lightbulb blows either in a single light or multi-light arrangement, Copyswitch will automatically clear its set programme. Simply replace the bulb, press the Learn button and reprogramme as required.

Copyswitch will need reprogramming throughout the year to cover the varying seasonal dusk/dawn times. Once installed a slight warming on top of the unit can be felt. This is normal and will not effect the performance of the switch.

Specifications

Operating Temperature: 0 - 40°C
Minimum Lamp Size: 40 watts
Maximum Lamp Size: 200 watts
Conforms to Directive: 73/23/EEC

Not designed for fluorescent lighting and low energy lamps. Not to be used in conjunction with a lamp dimmer in 2 way switching.

The ZV415 double security switch will replace any conventional double or two way switch.
For single switches use ZV410 only.