

# PROGRAMMABLE SECURITY LIGHT SWITCH

Cat No. ZV210 (Single)  
ZV215 (Double)



**SMITHS**  
**TIMEGUARD**

OPERATING  
INSTRUCTIONS

Manual ON/OFF switch  
(Doubles as Security Switch  
on ZV210)

Right Hand Security Switch  
(ZV215 only)

LED window  
(lights when  
set in security  
mode)

Light sensing  
window

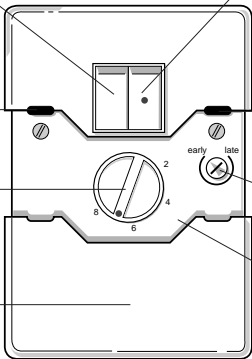
Combined  
security switch  
and hours on  
adjuster

early late

Light level  
adjuster

Sliding cover

Concealed  
panel

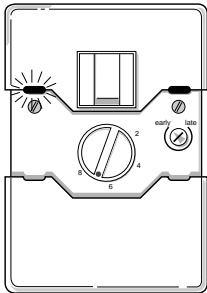


**NOTE:** On the ZV215 DOUBLE the right hand switch (red dot)  
acts as the security mode.

## Checking the Security Function

1. Ensure that the light switch is in the 'OFF' position.
2. Slide down the front of the cover to expose the security controls (figure 1).
3. Turn the light level adjuster to early and then turn the hours on dial clockwise until the LED lamp glows. Simulate darkness by covering the light sensing window, the light will automatically switch ON after a period of up to two minutes. To revert to a normal light switch turn the hours on dial fully anti-clockwise, lining up the dot.

Figure 1  
ZV210 Switch open



## ***Setting the Security Function***

1. Ensure that the switch is in the 'OFF' position.
2. Slide down the front of the cover to expose the security controls.
3. Turn the hours on dial to indicate how many hours you wish the light to remain on for. Check that the LED light is glowing.
4. Slide the cover back up. The security mode is now set and the light will automatically turn on at dusk and remain on for the number of hours you have selected. This programme will repeat itself every 24 hours.

If you wish to use the security switch as a normal lightswitch simply turn the hours on dial fully anti-clockwise, lining up the dot. If you then wish to use it as a security switch again please follow the above instructions.

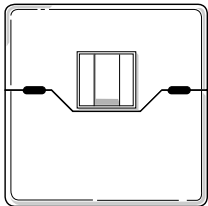


Figure 2 Switch closed

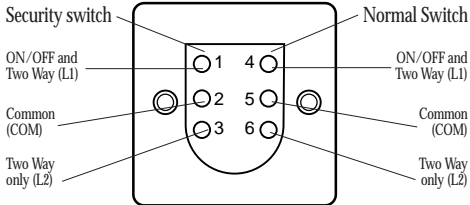
## *Adjustment*

If you find that the light switches on when it is too dark, turn the light level adjuster towards early and if the light is in operation when it is too light turn the adjuster to late. The security switch has a built-in delay function to ensure that momentary changes in the light do not switch it on. The hours shown on the dial are only approximate guides, do not expect great accuracy.

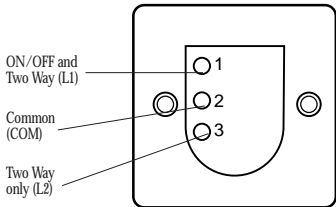
4

Once the switch has turned on and the programme has turned off after the required number of hours, it is important not to allow artificial light to fall on it, followed by a period of darkness. This will fool the switch into thinking it is dark again and it will operate. Care should therefore be taken to prevent light falling onto the switch, e.g. table lamps.

## ZV215 Double Security Light Switch



## ZV210 Single Security Light Switch



## ***Important***

This product can be used both as a normal light switch and as a security switch. When set in the security mode it will turn the lights on when it gets dark, and turn them off again for a chosen period of time up to eight hours later. **Not designed for use with fluorescent lighting and low energy lamps except with use of adaptor FLA01. Not to be used in conjunction with a lamp dimmer in 2 way switching.**

## ***Specifications***

Operating Temperature:	0 - 40°C
Minimum Lamp Size:	40 watts
Maximum Lamp Size:	300 watts
Conforms to Directives:	73/23/EEC & 89/336/EEC

The ZV215 double security switch will replace any conventional double or two way switch.  
For single switches use ZV210 only.