

TIMEGUARD®

Programmable Security Light Switch

Model: ZV210 (Single)
Model: ZV215 (Double)



Installation & Operating Instructions

1. General Information

These instructions should be read carefully and retained for further reference and maintenance.

2. Safety

- Before installation or maintenance, ensure the mains supply to the light switch is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this light switch and install in accordance with the current IEE wiring and Building Regulations.
- Check that the total load on the circuit including when this light switch is fitted does not exceed the rating of the circuit cable, fuse or circuit breaker.

3. Technical Specifications

- 230V AC 50 Hz
- This time switch is of class II construction and must not be earthed
- Switch Rating: Incandescent Lighting: 40W (min lamp size) – 300W (max total load)
Low Energy CFL: 20W
LED Lighting: 20W

The LED switching capabilities of this product can be increased to 200W by the addition of the Timeguard ZV900 Automatic switch load controller – sold separately

- Minimum Depth of Wall Box: 25mm
- Operating Temperature: 0°C to +40°C
- The ZV215 double security switch will replace any conventional double or two way switch.
For single switches, use the ZV210 only.

- Manual ON/OFF switch
- CE Compliant
- Dimensions (H x W x D): 85 x 85 x 38mm

Notes: Not suitable for use with Discharge Lighting

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.

This product requires to be permanently powered which is achieved through the switched Live.

As such, some LED and CFL lamps may glow or flash whilst this product is in the "Off" status.

This glow/flash can be eliminated by adding the Timeguard ZV900 Automatic switch load controller to the circuit. The ZV900 is sold separately.

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

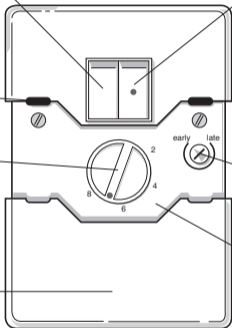
Combined security switch and hours on adjuster

early late

Light level adjuster

Sliding cover

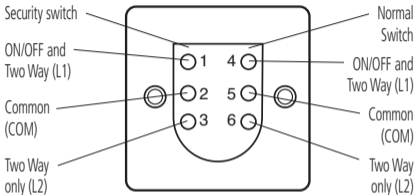
Concealed panel



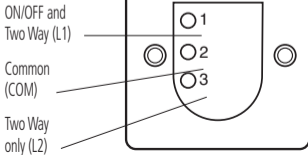
NOTE: On the ZV215 DOUBLE the right hand switch (red dot) acts as the security mode.

4. Connections

ZV215 Double Security Light Switch



ZV210 Single Security Light Switch



5. Security Function

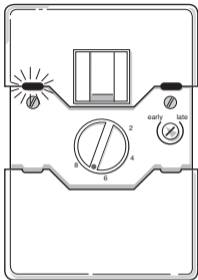


Figure 1 ZV210 Switch Open

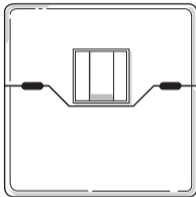


Figure 2 Switch Closed

Testing

- Ensure that the light switch is in the 'OFF' position.
- Slide down the front of the cover to expose the security controls (See Figure 1).
- Turn the light level adjuster fully towards the early symbol, and then turn the hours on dial clockwise until the 'LED window' glows.
- Emulate darkness by covering the 'Light sensing window', the light will automatically turn 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.

Setting up

- Ensure that the light switch is in the 'OFF' position.
- Slide down the front of the cover to expose the security controls.
- Turn the hours on dial to indicate how many hours you wish the light to remain on for, and check the 'LED window' is glowing.
- 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.

Note: If you wish to use the security switch as a normal light switch simply turn the hours on dial fully anticlockwise, lining up the dot. If you then wish to use it as a security switch again please follow the above instructions.

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 too late.

Notes:

- 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.
- 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.

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge. For the second and third years or any difficulty in the first year telephone the helpline on 020 8450 0515.

Note: A proof of purchase is required in all cases. For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK. All shipping costs are to be paid in advance before a replacement is sent out.

If you experience problems, do not immediately
return the unit to the store.

Telephone the Timeguard Customer Helpline;

HELPLINE

020 8450 0515

or email helpline@timeguard.com

Qualified Customer Support Co-ordinators will be on-line
to assist in resolving your query.



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