

## REVIEWING SET PROGRAMMES

Press PROG G and on each occasion all previously set ON and OFF times will be displayed. Any alterations can be made by pressing button D, E and F as appropriate. Blank ON/OFF times will have 4 dashes instead of numbers. New programmes can be entered by following steps 1 to 8 as shown in example.

## AUTOMATIC OR MANUAL CONTROL - OVERRIDE SWITCH

During those occasions when you are at home early and you do not want your security light switch to operate as programmed, slide switch L so that MAN shows for manual only operation. The pre-set programmes are still stored. The switch can operate only via push switch H. The red neon K will flash. To recall automatic programme (i.e. to activate switch to pre-set programmes) slide OVERRIDE switch L so that AUTO shows. Neon light K will come ON if programme is on and OFF if programme is off.

## MANUAL ON / OFF OPERATION

When all settings have been completed, close the front cover plate until it clicks into position, concealing the operating controls. The room light(s) can be turned ON and OFF by simply pressing the top front cover once, or by operating the switch at the other end of a 2-way circuit. The position of the override switch L does not affect the operation. With cover plate up, the red neon K is still visible, enabling you to check at a glance whether the light switch is in AUTO (programme mode), in which case the Neon K will come ON if programme is on and OFF if programme is off, or in MANUAL mode then it will flash. To access the controls again, grip the cover plate with forefinger and thumb either side and ease cover forward.

## TECHNICAL INFORMATION

Display:	LCD
Working Voltage:	220V/240V - 50/60Hz
IP Rating:	IP20
Rated Load:	400W Max GLS 6 -140W Max LED
Operating Temp:	-0°C to +40°C
Working Environment:	Indoor use only
Battery Back Up:	100 hour
Fuse:	2A (20 x 5mm)
Conforms to:	EN IEC 60730-1 EN IEC 60730-2-7

### NOTE:

**Product & Packaging Disposal**  
When disposing of this item and its packaging please follow local regulations and use an appropriate waste disposal centre.

For further information and Trouble shooting/solutions please refer to the GreenBrook website.

### GUARANTEE

Your GreenBrook Electronic Wall Switch Timer is guaranteed for 1 year from the date of purchase. This is in addition to your statutory rights.

PLEASE KEEP THESE INSTRUCTIONS  
SAFE FOR FUTURE REFERENCE

**GREEN  
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Issue No: 708216

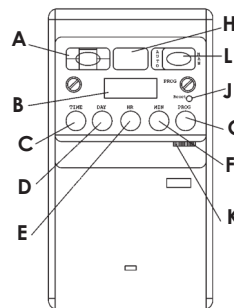
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Installation/Operating  
Instruction for Electronic Wall Switch Timer  
- T40S

Please read these instructions fully prior to initial use.

## IMPORTANT

**This unit should be installed to current IET Wiring Regulations.  
A qualified electrician is required for installation.**



- A. FUSE CARRIER Pull out to replace fuse (Slow blow 2A BS646 20mm x 5mm)  
**Note: Supplied with 2 fuses, one inside fuse holder & one spare.**
- B. LCD DISPLAY
- C. to G. BUTTONS TO SET DAY, TIME, PROGRAMME AND RANDOM
- H. PUSH ON/OFF SWITCH Allows unit to operate as ordinary light switch activates even when lid is shut.
- L. OVERRIDE SWITCH  
MAN = MANUAL MODE  
AUTO = AUTOMATIC PROGRAMME MODE
- J. RESET BUTTON
- K. RED NEON FUNCTION

## IMPORTANT

### NOTE:

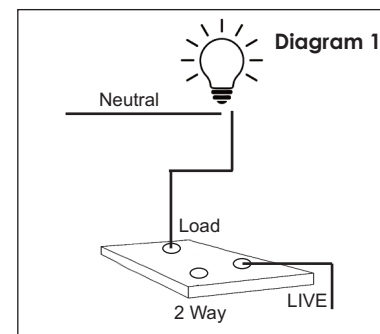
If replacing with original T40S-C timer on a Two-Way circuit, a modification to the wiring will be required. Please refer to the wiring diagrams.

Before attempting any installation work turn off the electrical supply at the mains switch, fuse box or consumer unit and for additional safety remove the fuse.

- To remove fuse, **gently push lower part of flap** to pull fuse carrier out.
- After installation, with main supply switched back on, the internal back up battery will need to be fully charged for **60 minutes** to enable correct operation. if no display after this period gently press the Reset button. After this period follow operating instructions.
- To Clear any programme settings to four dashes gently press the reset button.
- DO NOT use in two-way systems with dimmers or any other switches containing electronic circuitry.
- Not suitable in 3-way circuits.

**Important:** If using a metal backbox this should be earthed.

## WIRING INSTALLATION IN ONE WAY SWITCHED CIRCUIT



**YELLOW & GREEN EARTHS MUST REMAIN  
CONNECTED TO METAL BACK BOX**



## WIRING INSTALLATION IN TWO WAY SWITCHED CIRCUIT

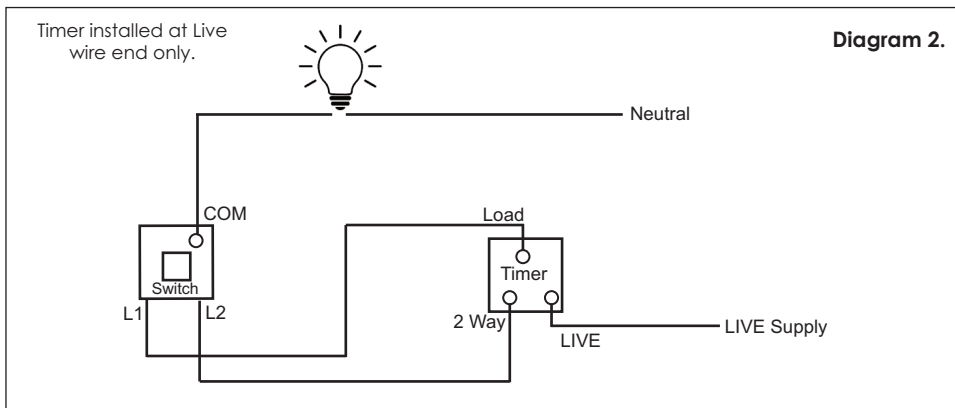
Before installing your Security Wall Light Switch in a two way circuit, it is first necessary to determine which method of wiring has been used in your home.

The primary reason for doing this is to make sure that the switch is wired in such a way that has a permanent live feed at all times in order to power the electronic timer.

1. TURN OFF THE MAIN SUPPLY
2. Loosen the two switch plates from the wall.
3. Do NOT disconnect any wires at this stage.
4. Study the existing wiring arrangement.

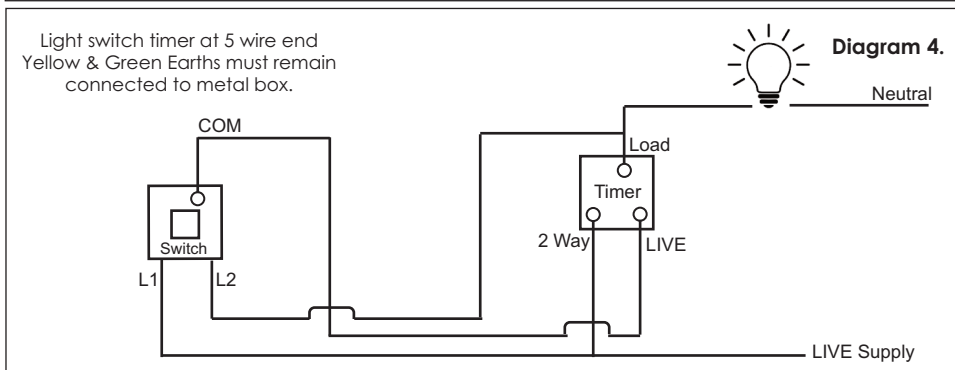
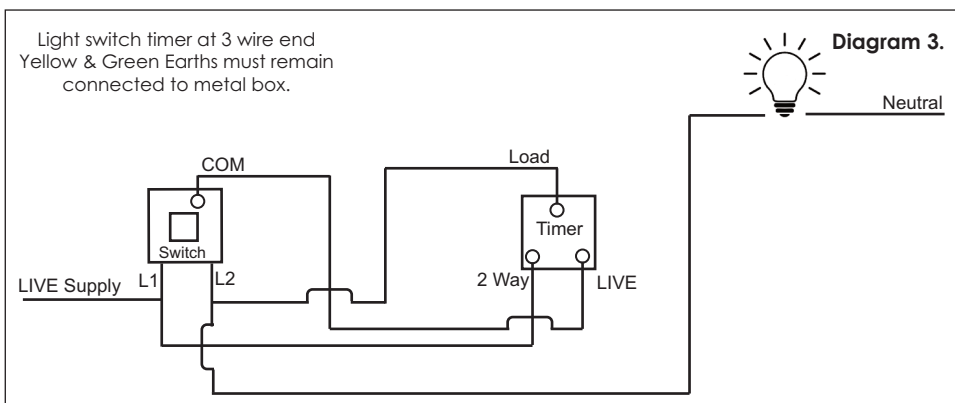
If you find 3 wires at each switch (excluding the earth wire) see Diagram 2.

If you find 5 wires at one end and 3 wires at the other (excluding the earth wire) see Diagram 3 & 4.



**YELLOW & GREEN EARTHS MUST REMAIN CONNECTED TO METAL BOX**

## WIRING INSTALLATION FOR 5 & 3 WIRE ARRANGEMENT



## PROGRAMMING THE LIGHT SWITCH

1. Ensure light fitting(s) being controlled have lamp(s) fitted, otherwise light switch will not function.
2. After installation is complete, reconnect power at the mains (remembering to replace fuse if removed for safety reasons).

### SETTING PRESENT DAY & TIME

To access controls, with thumb and forefinger on either side, ease cover forward.

Press and hold down TIME button C continuously. Press DAY button D until present-day is displayed.

Press HR and MIN buttons E and F until correct time is set using a 24-hour clock.

Release TIME button C. e.g. L.C.D.display B showing current time is 3.15pm on Wednesday.

WE  
15.15

#### NOTE:

Continued pressure on any of the DAY,HR,MIN buttons whilst TIME button is depressed will advance the display rapidly.

### SETTING A PROGRAMME

There are a maximum of 6 ON and 6 OFF times available. Each ON/OFF time can be used individually on any day(s) throughout the week, OR can be set to repeat on one of the following combination of days: to run a programme, override switch L must be in the auto position.

**MO TU WE TH FR SA SU** (days of the week);

**MO TU WE TH FR** (weekdays);

**SA SU** (weekends)

**MO TU WE TH FR SA** (workdays only).

### EXAMPLE

If you wish to switch light automatically every day of the week at 20:10 (8:10pm) and OFF at 23:06 (11:06pm).

**STEP 1** - Press the PROG button G and release.

The colon in the centre will flash  
The first time can be entered:

MO TU WE TH FR SA SU  
TIMER -- : --  
ON

**STEP 2** - Press DAY button D until required day or combination of days is displayed.

In the above case, press until ALL THE DAYS appear on the top.

**STEP 3** - Press HR button E until 20 shows:

MO TU WE TH FR SA SU  
TIMER 20 : --  
ON

**STEP 4** - Press MIN button F until 10 minutes are set:

MO TU WE TH FR SA SU  
TIMER 20 : 10  
ON

**STEP 5** - Press PROG button G so that the first OFF time can be entered:

MO TU WE TH FR SA SU  
TIMER -- : --  
OFF

**STEP 6** - Press HR button E until 23 shows:

MO TU WE TH FR SA SU  
TIMER 23 : --  
OFF

#### STEP 7

Press MIN button F until 06 minutes are set:

MO TU WE TH FR SA SU  
TIMER 23 : 06  
OFF

#### STEP 8

Up to 6 ON and 6 OFF programmes are available and it is not necessary to use them all. Press TIME button C to revert back to clock.

**IMPORTANT NOTE:** Ensure the day(s) selected in the programme ON mode matches day(s) selected into the programme OFF mode.

### RANDOM FUNCTION

Once programming is completed, the lamp can be switched on and off at varying times on a daily basis if RANDOM FUNCTION is selected. Simply press DAY D and HR E buttons simultaneously. The word CLOCK will flash to show RANDOM mode is activated. To cancel RANDOM, press DAY D and HR E simultaneously again and the word CLOCK will remain.

**NOTE:** The random feature works by randomly shifting the ON/OFF times of your set programmes between 2 and 30 minutes at each operation.