

slaveswitch

energysense energystyle energyoutdoor

slaveswitch fitting & operating instructions

The **slave** switch is part of the Elkay family of switches, timers and detectors which save energy and increase convenience in and around your home, garden or premises.

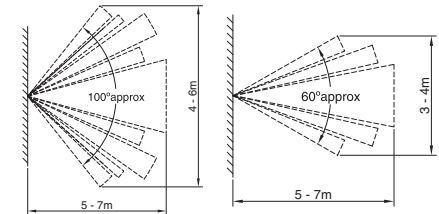
USAGE

The slave units work in conjunction with all master timers to remotely trigger the timing. Any combination of slaves can be wired to any master, thus giving a variety of activation functions in one area all operating one central timer.

All slave units are designed to control lighting, heating and ventilation.

POSITIONING – PIR SLAVE

Use the detection range to determine a suitable location for the PIR sensor. When locating the position of the unit avoid subjecting the sensor to direct sunlight. Ensure that the sensor is not adjacent to the load. Do not site unit a vibrating surface or near a forced air heating or ventilation.

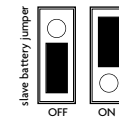


MOUNTING AND INSTALLATION

Important Please note that it is essential that the Live In wire and switch Live Out is identified prior to commencing installation. Turn off mains supply before installation. Your Elkay unit is compatible with a single gang, 25mm deep, British standard accessory plate. Please ensure that the top and bottom lugs are removed, if fitted, from metal wall boxes prior to fitting. Ensure that there is adequate space for wiring.

Step 1 Please select wiring diagram as per combination of master and slave unit, by checking your individual part number and then wire as per correct diagram.

Step 2 On touch button and PIR slave, the battery jumper is located in the top right hand corner and must be fixed on the two upper terminals.



Step 3 On the PIR slave, ensure that the lux level adjustment has been adjusted to the desired level via the rotary lux level adjuster. The mains supply must be disconnected before the lux level is adjusted. Please ensure that an insulated screwdriver is used for lux level adjustment.

Step 4 Timing should be set on the master unit as per its individual instructions.

INSTALLATION NOTES

N.B After installation the PIR will require approximately 5 minutes to initialise.

RATING AT 240V AC

Incandescent 16A

Fluorescent 16A

Compact Fluorescent 16A

Resistive 16A

Time Delay 2mins - 2hours.

Elkay

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Patent Pending Inst. Ref. No SLA01 Rev. No.: 11/07

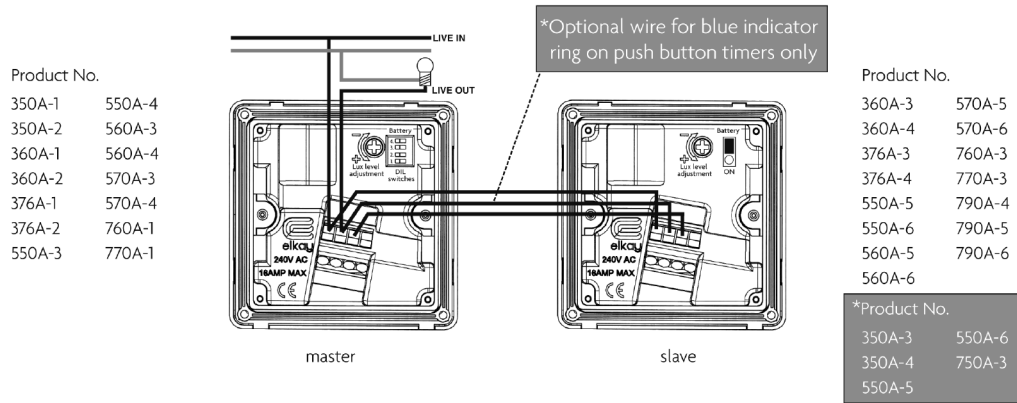


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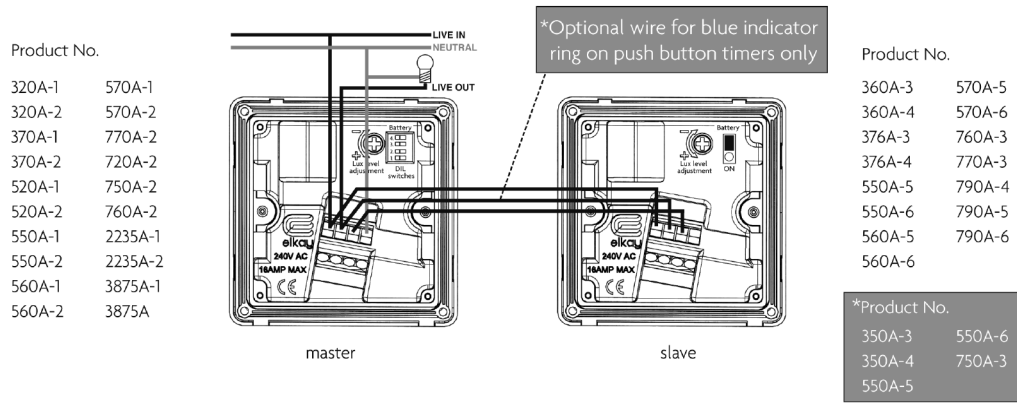
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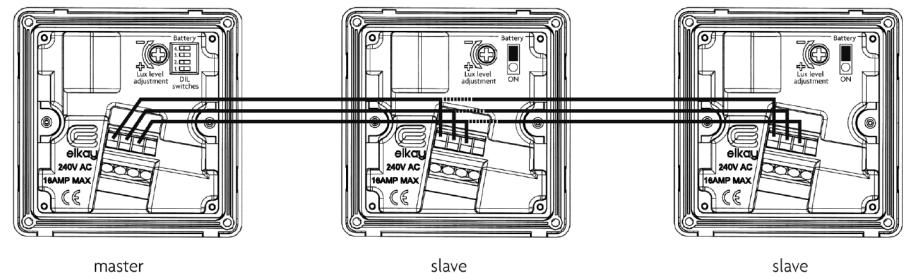
SLAVE FITTING - TWO WIRE MASTER WITH PUSH BUTTON, TOUCH TIMER OR PIR SLAVE



SLAVE FITTING - THREE WIRE MASTER WITH PUSH BUTTON, TOUCH TIMER OR PIR SLAVE



MULTIPLE SLAVE FITTING



OUTDOOR INSTALLATION

Please note only products in the Elkay energy outdoor range are suitable for use outdoors. Elkay energy outdoor can only be used in conjunction with the surface mount box supplied. Take the surface mount box and remove the knock out section. If required and to ensure IP66 waterproof rating, please use a suitable M20 cable gland. Mount the surface mount box on a secure surface using the mounting pack supplied. Place screw cover seals over the mounting screws.

Turn off mains supply before proceeding with installation - Install as per previous slave instructions - Mount unit onto surface mount box using the fixing screws at all four corners - Place screw hole seals over left and right screw cavities - Clip on front fascia plate - Re-instate mains supply.

OPERATION PUSH BUTTON/TOUCH SENSOR

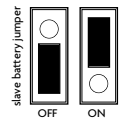
1. Press the slave pushbutton/touchpad and your light source or appliance will be switched on initiating the timing sequence of the master unit it is attached to.
2. At any time during the working of the light source or appliance, the pushbutton/touchpad can be pressed to reset the timing sequence on the master unit to the originally set time. E.g When the timing period is 30 minutes, if the pushbutton/touchpad is pressed 15 minutes into sequence, the timer will re-set for a further 30 minutes.
3. To end the timing sequence prematurely, press and hold the slave pushbutton/touchpad for approximately 2.5 seconds the last minute of the timing sequence will now be initiated on the master timer. Your light source or appliance will now be switched off after 1 minute
4. At one minute prior to the end of the timing sequence, the red LED will begin to flash continuously for the last minute of operation, this will only happen on the master timer allowing it to be identified from the slave units. The blue locator ring will then illuminate once the light source or appliance has gone off, on both the master and slave unit.

OPERATION PIR SENSOR

1. In standard operation the PIR slave will now sense body heat when passing through the detection zone. Each time the slave PIR is triggered the red LED will light and reset the timer on the master unit it is connected to, back to the start of the timing period. The unit will wait 20 seconds approximately before allowing the PIR unit to sense and re-trigger the timing period again.
2. If no one is present in the room or the detection zone is not passed through during its set time period the timer will time out turning off the lights or application and the blue indicator ring will light up.
3. The Slave PIR unit will only trigger the lights or application if the ambient light level is below what has been set on the lux level adjustment.
4. When the ambient light level is light enough so the lights would not normally come on with PIR use, the override switch can be used to turn on the lights for the set period time. This can be used in times where additional light is required in a room. To operate, press the PIR lens, the red indicator LED will light to show it has been pressed and the timing will begin, in the last minute of timing the red LED will flash.
5. When the ambient light level is dark enough that the PIR is in normal operation, the override switch can be used to disable the PIR and the lights turned off indefinitely or until the override switch is pressed. This can be done by pressing the PIR lens, the red LED will flash rapidly to indicate the PIR has been disabled and can be re-enabled simply by pressing the lens again. NB, The PIR lens will require approximately 1 minute to initialize.

OPERATION NOTES

If your Elkay touch or PIR slave does not receive power for a period of over 7 days, please turn the battery off by re-positioning the jumper to the lower two terminals. (see diagram)



IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified Electrician in accordance with the current IEE Wiring Regulations. If unit is faulty return to place of purchase.

TECHNICAL HELPLINE

For further help, or information on this and the other products in the Elkay range visit www.elkay.co.uk or call 01675 468222.



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