



# PSX135 User Guide

Power saving Autoswitch with:

- Touchpad
- LED indicator
- Beeper
- 7-day timer
- Activity timer
- Current limiter
- Thermostat
- Frost-stat

For more information on Powersol products visit [www.powersol.com](http://www.powersol.com)

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## Touchpad:

### Retrigger

Touch once to switch appliances on, subsequent touches extend the on time.

### No-retrigger

Touch once to switch appliances on, subsequent touches do not extend the on time.

### Toggle mode

Touch once to switch the appliances on, a subsequent touch will turn appliances off.

### Extra Period

Touch when timer is off to bring appliances on for preset time.



(Minutes)

## Beeper:

### Disconnect alarm

**Inactivity alarm:** single tone beeping, touch pad to avoid disconnection.

**Over current alarm:** two-tone beeping, unplug device(s) to avoid disconnection.

### Activity Time

(Hours)

### Current Limit

(Amps)

## Front Panel:



**Flashing red** = Unit inactive (no appliances powered)

**Fast flashing red light** = over-current disconnect (appliances exceeding current limit).

### Set Time

### Advance



**Constant green light** = unit active (appliances powered)

**Flashing green** = active but not connected (appliances not

powered) temperature out of range or timer in an 'off' period.

## Setting the Time:

To set the time press and hold the set-time button until the day flashes. Use the left button to change the setting and the right button to move to the next digit.

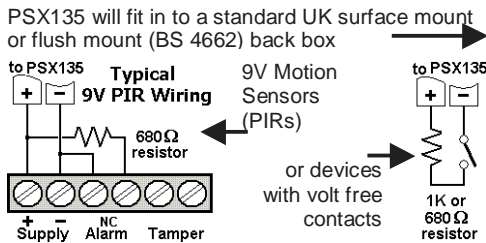
### Thermostat

Temperature °C

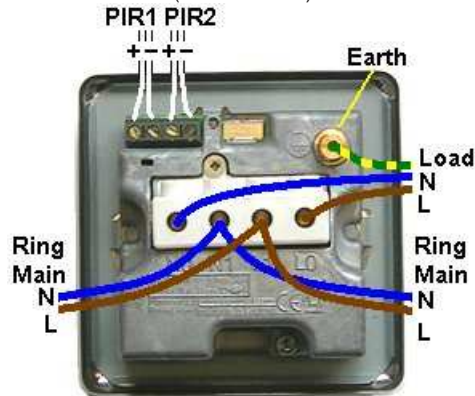
### Frost-stat

Temperature °C

## Wiring & Installation:

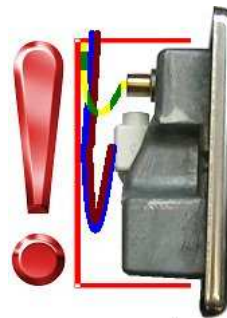


can be wired into the PIR ports below using suitable resistors (680Ω or 1KΩ)



AC Mains wires into the main connector as shown. Keep the two classes of wiring separate, not only for safety reasons but to reduce noise coupling. PSX135 can be wired into ring mains rated up to 32A and will switch loads up to 16A. The device has a software fuse set to trip above 13A. **IMPORTANT: the software fuse is not a safety fuse. You will need to fit a fused spur in conjunction with PSX135 for safety in many applications. Consult a qualified electrician.**

The PSX135 is deeper than many single socket sized UK electrical products. Consider the bend radius of attached wires and use the spacer supplied with PSX135 where needed. For new installations use the deepest back box available (typically 45mm) never force PSX135 in to place.



The spacer provided also has grooves for twin-core bell-wire that are useful when surface wiring safe ELV circuits.



Detailed wiring and installation information as well as list of approved PIRs and accessories can be found on Powersol's technical support web-pages [www.powersol.com](http://www.powersol.com)

## Programming:

PSX150 can only be programmed using Powersol's unique PSX Dongle and programming software. A unique PIN code once set will prevent unauthorised tampering. Programming is possible both before and after installation. Programming manuals and software can be found on Powersol's technical support web-pages [www.powersol.com](http://www.powersol.com)

**Once you have programmed your PSX135 don't forget to record the settings and tick the boxes overleaf.**

## Declaration of Conformity:



**Powersol Limited** declares that **PSX135** Conforms to the EMC Directive **2004/108/EC** and the Low Voltage Directive **2006/95/EC** as attested by conformity with: **EN 60730-2-7** and **EN 60730-2-9**

C.E.O

### EN 60730-1: table 7.2 – information

Rated voltage	250 V~ max
Load rating	3→4 kVA max
Protection rating	IP40
Surface temperature	55°C absolute max
Classification	PELV Class 1
Disconnection Type	Electronic
Mounting	Surface, flush (BS 4662)
Action	Type 1.Q
ELV circuits	9VDC nominal