



PSX105 User Guide

Power saving Autoswitch with:

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

For more information on Powersol products visit 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.



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.

<input type="checkbox"/> Activity Time (Hours)	<input type="text"/>
<input type="checkbox"/> Current Limit (Amps)	<input type="text"/>

Front Panel:



Flashing red =
Unit inactive (no appliances powered)

Fast flashing red light = load disconnection due to over-current disconnect (appliances exceeding preset current limit). Unit will enter a two minute 'cool off' period during which reconnection is not possible.

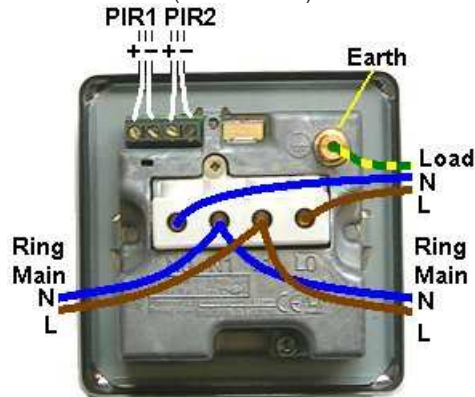
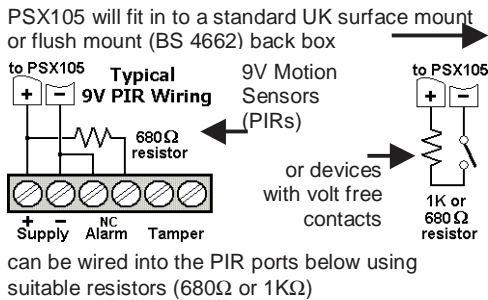


Constant green light = unit active (appliances powered)

Flashing green = active but not connected (appliances not powered) usually due to temperature out of range.

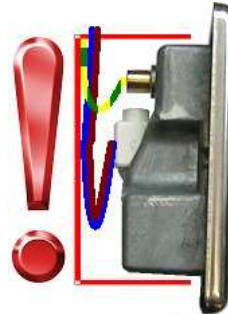
<input type="checkbox"/> Thermostat Temperature °C	<input type="text"/>
<input type="checkbox"/> Frost-stat Temperature °C	<input type="text"/>

Wiring & Installation:



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. PSX105 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 PSX105 for safety in many applications. Consult a qualified electrician.**

The PSX105 is deeper than many single socket sized UK electrical products. Consider the bend radius of attached wires and use the spacer supplied with PSX105 where needed. For new installations use the deepest back box available (typically 45mm) never force PSX105 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

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

Once you have programmed your PSX105 don't forget to record the settings and tick the boxes overleaf.

Declaration of Conformity:



	Powersol Limited 119-123 Marfleet Lane Hull HU9 5RN
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Powersol Limited declares that PSX105 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**

[Signature]

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