



PSX125 User Guide

Power saving Autoswitch with:

- Isolator + Fuse
- 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 =
over-current disconnect (appliances exceeding current limit).

Isolator switch
(switch off before working on appliances)
20mm Fuse
(rotate 30° to remove)

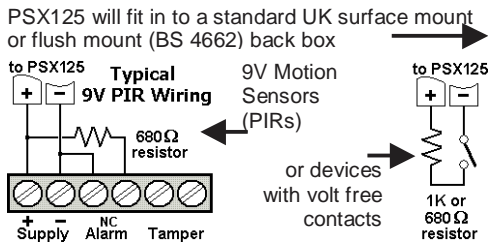


Constant green light =
unit active (appliances powered)

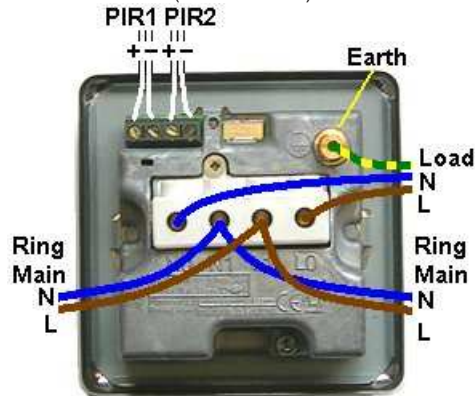
Flashing green active but not connected (appliances not powered) usually due to temperature out of range.

<input checked="" type="checkbox"/> Fuse Rating (A)	<input type="text"/>
<input type="checkbox"/> Thermostat Temperature °C	<input type="text"/>
<input type="checkbox"/> Frost-stat Temperature °C	<input type="text"/>

Wiring & Installation:



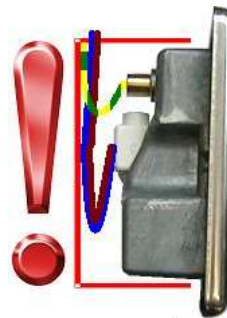
can be wired into the PIR ports below using suitable resistors (680Ω or 1KΩ)



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. PSX125 can be wired into ring mains rated up to 32A and will switch loads up to 13A.

Always remember to switch off PSX125 using its isolator switch before working on connected load equipment or wiring!

The PSX125 is deeper than many single socket sized UK electrical products. Consider the bend radius of attached wires and use the spacer supplied with PSX125 where needed. For new installations use the deepest back box available (typically 45mm) never force PSX125 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 PSX125 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 **PSX125** 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	Full & Electronic
Mounting	Surface, flush (BS 4662)
Action	Type 1.Q
ELV circuits	9VDC nominal