



In Wall Lamp Module



Product number : LW12E

Benefits

The LW12E Micro Module can be mounted behind any standard wallswitch, even most designer switches.

It is an X10 receiver module that can be controlled by any X10 controller or remote control sending X10 signals. It can also be turned On, Off, Dim or Bright by external momentary action wall switches.

The LW12E reacts to the STANDARD X10 commands : «All Units On», «All Units Off», «All Lights Off» from any X10 controller set to its house code, regardless of unit code or alternatively, by individual unit control using «On», «Off», «Dim», «Bright». The unit will also respond to Extended X10 Messages-Scene: Preset Output, Include in Group, Activate Group, Brighten or Dim Group. See X10 Code Format for more details (Extended code message type 30hex, 31hex, 36hex and 3Chex.)

House code and unit code are programmed using any X10 compatible controller. There is an E²PROM that stores the house and unit code even when the power is cut.

To install the LW12E, only the phase is required at the installation point, no needs for neutral.

Typical applications

On, Off, Dim and Bright of incandescent lamp and dimmable electronic low voltage transformer (60 to 250W). Not suitable for Low Energy Fluorescent lamps.

Key Features

- Small enough (46*46*17mm) to fit into a wallbox behind a standard wall switch
- 2 wires only (no Neutral).
- Works with incandescent lamp and dimmable electronic low voltage transformer.
- Works with any X10 controller.

Technical data

- Supply voltage: 230V +10% -15% 50 Hz
- Supply current : < 20 mA capacitive
- Making capacity: 60 to 250W (incandescent lamp and dimmable electronic low voltage transformer)
- Signal sensitivity: better than 50 mVpp at 120 kHz
- Connections: screw type terminals
- Approvals: CE Mark
- Ambient temperature:
 - 10° C to + 40°C (operation)
 - 20° C to + 70° C (storage)
- Dimensions: 46 x 46 x 17 mm