



# Lamp Module



**Product number: LM12E**

*230VAC - 50 Hz - 300W  
LOAD RATING*

## Key features

- On/Off and dimmer control of incandescent lighting.
- Available in a wide range of plug styles (British, German, French, Italian, Euro-style, Swiss, Australian / New Zealand, Danish, Czech etc.).
- Designed to operate with 230 VAC 60W to 300W incandescent or 12 V halogen lamps.

## Benefits

The Dimmer plug-in module is a 300W receiver unit that works as a remote dimmer.

The connected lamp can still be switched on and off locally. The dimmer function, however, is by an X10 remote control.

The dimmer module can be used at any wall outlet in the house with incandescent lamps between 40W and 300W.

As the dimmer is simply inserted into wall outlets like an ordinary plug, there is no installation necessary. Just adjust the settings on the front side to the desired device address (e.g. F9) and note this address down in a list.

The lamp connected to the dimmer module can still be controlled locally by its own switch, but do not forget to leave the local switch in the "ON" position, otherwise the lamp cannot be controlled by an X10 controller. Switch the lamp off by remote control.

The LM12E responds to STANDARD X10 protocols: "All lights on" or "All units off" from any X10 controller set to its house code, regardless of unit code. Or alternatively, by individual unit control using "On", "Off", "Bright" and "Dim".

## Technical data

- Supply voltage: 230V  $\pm$ 10% 50 Hz
- Supply current : = 20 mA capacitive
- Making capacity: 60 to 300W (incandescent + 12 V halogen lamps only)
- Regulating time:  
4,4 sec  $\pm$  0,2sec from fully on to off
- EMC: EN 50081-1, EN 50082-1, EN 6100-3-2, EN 61000-3-3, EN 60555-2
- Electrical safety: according to EN 60950 and EN 60065
- Signal sensitivity: 15 mVpp min 50 mVpp max at 120 kHz
- Input impedance: = 55 Ohms (L - N) at 120 kHz
- Ambient temperature:
  - 10° C to + 50° C (operation)
  - 20° C to + 70° C (storage)
- Dimensions:  
52 x 122 x 33 mm  
(width x height x depth without plug)