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INTELLIGENT DIMMER WITH MEMORY & DELAY-OFF TIMER OR SECURITY TIMER

Model: DIM-1-F400



Overview

The dimmer model DIM-1-F400 is a modular integrated electronic dimmer. This intelligent dimmer uses the latest technology in microprocessor control to give you a reliable, cost effective, feature packed product. The product is small enough to fit inside a 2x4 housing with ample space left for your existing wires.

Options:

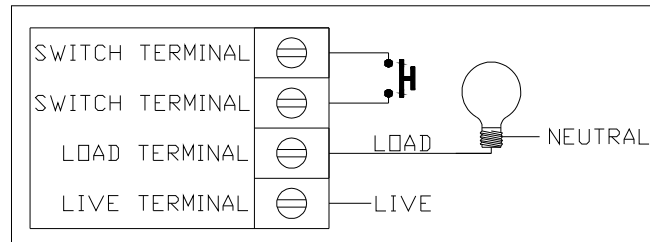
1. **Delay-off timer model:** This model has an incorporated off-timer that can delay the switching off of the light in increments of 10 minutes. This unique feature is excellent for children's rooms, in allowing the child to fall asleep with the light on and then automatically switching off after the programmed period.
2. **12 hour timer model:** This model has an incorporated security feature. When this feature is enabled it allows your light to switch on automatically at a preset time and light level every night and then turn off 12 hours later.

Installation Warnings

The following items must be adhered to before installation commences:

- The dimmer should only be installed by a suitably qualified person.
- This dimmer is not designed for use with fluorescent, compact fluorescent, non-dimmable electronic low voltage transformers or any appliances.
- Ensure that the mains power has been switched off before commencing installation.
- Never connect the unit to NEUTRAL, always connect in series with a load.
- Always remove power from the dimmer before replacing light bulbs.
- Isolate the dimmer from the mains supply before Megger testing the electrical supply.
- Ensure that the correct dimmer has been selected for the load, add the wattages of the light bulbs to be dimmed and check that this load is less than the rating of the dimmer (ie.400w).

Installation instructions



- Turn off the mains power before installation
- Connect the push/bell type switch **directly** to the **switch terminals** of the dimmer.
- Connect the mains **live** wire to the **live terminal** of the dimmer.
- Connect the **load** wire from the light to the **load terminal** of the dimmer.
- The other side of the light should be connected to **Neutral** in the roof.

Operating instructions

To set the light at a desired level:

- Press the switch and hold it in (Longer than ½ second). The light will brighten or dim, release the switch when the light has reached the desired light level.
- The light will automatically dim down again if the switch continues to be pressed after the light has reached maximum brightness.
- Releasing the switch at any point in time will hold the light at the level when the switch was released.

To turn the light on to full brightness

- Press the switch and release (Less than ½ second). The light will brighten to full brightness.

To turn the light off

- Press the switch and hold it in (Less than ½ second). The light will dim completely off.

To program and activate the lamp brightness memory setting

- This feature allows your light to automatically brighten to a saved level at a single press of the switch.
- *To save the lamp brightness to the memory:* Press and hold the switch (Longer than ½ second). The light will brighten or dim until the switch is released and automatically save the brightness level to memory.
- *To activate the memory:* Press the switch quickly, when the light off: The light will automatically brighten to the saved memory level.

Delay-off timer operation

- The sticker on your unit will display whether this option is enabled.
- This feature, when enabled, allows your light to automatically dim off after a pre-programmed delay.
- *To activate the delayed-off function:* First set the light to the desired level and then pulse the light switch (shorter than ¼ second). A single quick pulse will create a delay of 10 minutes before the light dims off. The light will delay a further 10 minutes for each quick pulse of the light switch.

12 hour timer model

- The sticker on your unit will display whether this option is enabled.
- This feature, when enabled, allows your light to automatically turn on at a preset time and pre-programmed light level every night and then turn off 12 hours later.
- At the time of day or night that you want your light to automatically turn on, hold the switch until light stops cycling on and off.
- If the light stays on, when the switch is released, then the timer is enabled.
- If the light turns off when the switch is released then the timer is disabled.



Trouble shooting

The dimmer is warm to the touch.	This is normal operation and heat will increase dependant on the load.
The dimmer is hot to the touch.	Switch off immediately and verify that the correct dimmer has been selected for the load.
The light flickers.	The load of the light circuit is not high enough; replace a light bulb with a minimum of a 40W globe. Ensure that electronic transformers are capable of being dimmed.
The light does not switch on.	Make sure the light bulb is not damaged or blown.

Specifications

- TYPE: Symmetrical forward phase lamp dimmer
- VOLTAGE: 240V AC 50HZ
- LOAD POWER: 40W to 400W
- FEATURES: Delayed off timer / 12 hour timer options