

Installation Guide



Phase Adaptive Dimmer

Part No. MEDM

Designed in Australia to provide optimised dimming of LED based lamps and drivers, this high quality, two-wire phase control wall plate dimmer has a minimum load rating of 2W.

Although optimised for LED lighting loads, the dimmer also provides excellent compatibility with other common lamp types such as incandescent lamps, 12V halogen (dichroic) lamps/transformers and dimmable CFL's.

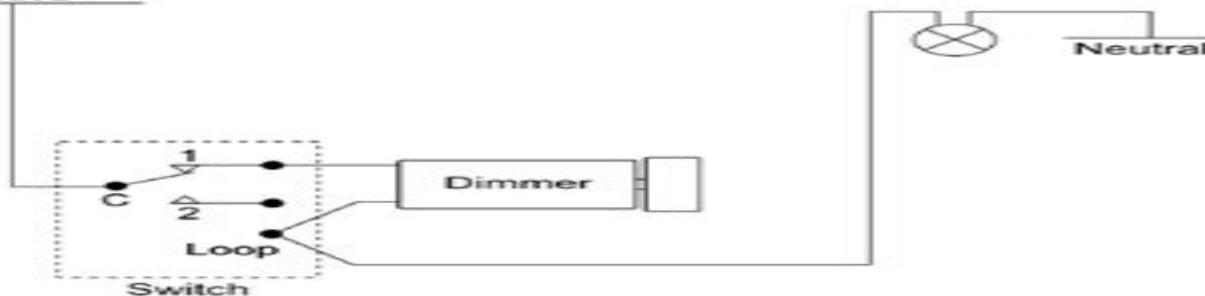
- Fits Australian wall switch plate apertures (Sylvania Trader, plus HPM and Clipsal ranges)
- Separately switched 2-wire design - no neutral wire connection required
- Rotary control with mechanical adjustment for minimum brightness level (Minimum brightness typical 0%)
- 'On' LED indicator
- Soft-start for lamp and driver life
- Thermal wind-back for overload and over-temperature protection
- Protected against damage from incompatible inductive loads (ie, motor loads)
- Includes filtering to reduce load brightness variation under conditions of line voltage ripple signal injection
- Incorporates a thermal fuse
- Stable operation with most CFL non-dimmable lamps (to a limited dimming level, lamp dependent)
- Inherent immunity to installation wiring short circuit fault



Connecting this product must be carried out by a suitably qualified installer who must work in accordance with standard safety procedures for mains-powered electrical equipment.

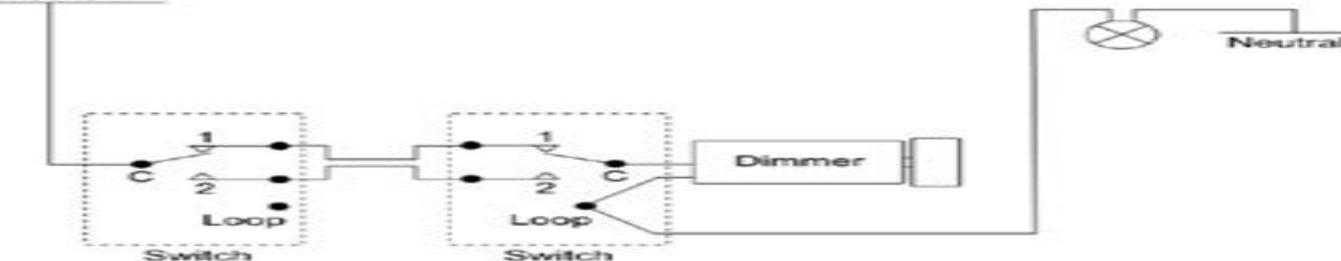
One-Way Connection Diagram

Active



Two-Way Connection Diagram

Active



Note

- The two dimmer connections are not polarity sensitive
- More than one dimmer cannot be connected to the same load
- In vertical grid-plate installations the dimmer should be installed in a position lower than the associated separate switch
- In vertical grid-plate installations the dimmer mechanism should be oriented in grid-plate such that LED indicator faces the associated switch

Hpm Dimmer Switch Installation Guide

Marcel A. Müller



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