

Product Code: MD9022

Description: 250W 2 Way Dimmer Module



## General Information

|                                 |                                                                    |                                                         |
|---------------------------------|--------------------------------------------------------------------|---------------------------------------------------------|
| Dimensions (mm)                 | 25.5 (W) x 67 (H) x 23.2 (D)                                       |                                                         |
| Materials                       | Body: Nylon<br>Terminal Screws: Brass                              | Terminals: Brass<br>PCB: Multiple Electronic Components |
| Rated Voltage (V~) (Ue)         | 230                                                                | Frequency (Hz) 50                                       |
| Load Rating (W)                 | 40 - 250                                                           |                                                         |
| Load Rating Comments            | Suitable For Resistive / Inductive Loads                           |                                                         |
| Termination Type                | Screw                                                              |                                                         |
| Terminal Size (mm)              | Ø2.8                                                               | Terminal Torque Value (Nm) 0.2                          |
| Terminal Capacity - Solid (mm²) | 2 x 1.5                                                            |                                                         |
| 2 Way Switch                    | Yes                                                                |                                                         |
| Dimmer Technology Type          | Leading Edge                                                       |                                                         |
| Dimmer Load Type                | Resistive & Inductive                                              |                                                         |
| Minimum Back Box Depth (mm)     | 25 (35 Flat Plate)                                                 |                                                         |
| Operational Temperature (°C)    | -5 to +40                                                          |                                                         |
| Warranty (Years)                | 1                                                                  |                                                         |
| Standards                       | BS EN 60669-1<br>BS EN 55015<br>BS EN 61000-3-2<br>BS EN 61000-3-3 |                                                         |

## Additional Information

Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram with the relevant product.

We recommend using branded tungsten halogen lamps that incorporate internal fuses. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced.

When dimming low voltage lighting, this dimmer must be used with dimmable, leading edge transformers only. Always check compatibility prior to installation and if in doubt, seek advice with transformer manufacturer.

Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.

We DO NOT recommend mixing electronic and magnetic transformers on the same dimmer switch.

Due to the housing height, the module cannot be mounted directly above another on a multi-tier mounting plate.