

# Technical Specification

**Product Code:** VPMB161

**Description:** 1 Gang 2 Way 100W Dimmer Switch



### General Information

|  |  |  |
|--|--|--|
| Plate Dimensions (mm)                  | 88 (W) x 88 (H) x 8 (D)  |  |
| Dimensions With Gasket (mm)            | 91 (W) x 91 (H) x 9 (D)  |  |
| Plate Fixing Centres - Horizontal (mm) | 60.3   |  |
| Style                                  | Victorian  |  |
| Finish                                 | Matt Black   |  |
| Gasket Colour                          | Black  |  |
| Materials                              | Front Plate & Control Button: Stainless Steel                      | Rear Housing: Nylon                        |
|  | Terminals: Brass   | Terminal Screws: Steel & Yellow Passivated |
|  | PCB: Mixed Components  | Earth Strap: Mild Steel                    |
|  | Gasket: Nylon  |  |
| Anti Microbial Certified               | No   |  |
| Rated Voltage (V~) (Ue)                | 250  | Frequency (Hz) 50                          |
| Load Rating (W)                        | 5 - 100  |  |
| Load Rating Comments                   | Suitable For LED   |  |
| Termination Type                       | Screw  |  |
| Terminal Size (mm)                     | Ø3.5   | Terminal Torque Value (Nm) 0.25            |
| Terminal Capacity - Solid (mm²)        | 2 x 1.5  |  |
| 2 Way Switch                           | Yes  |  |
| Switch Control Type                    | Press - ON/OFF, Rotate - Dim                                       |  |
| Dimmer Technology Type                 | Trailing Edge  |  |
| Dimmer Load Type                       | Capacitive   |  |
| Minimum Back Box Depth (mm)            | 25   |  |
| Ingress Protection                     | IP20   |  |
| Operational Temperature (°C)           | -5 to +40  |  |
| Warranty (Years)                       | 10   | Warranty - Electronics (Years) 1           |
| <b>Standards</b>                       | BS EN 60669-1<br>BS EN 60669-2-1<br>BS EN 55015<br>BS EN 61000-3-2 |  |

**Additional Information** For cleaning / polishing of products, use only a soft, dry, clean cloth. Supplied with Matt Black plate fixing screws. Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram with the relevant product. Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

**Compatible Dimmer Modules** MD9014: 100W Dual Mode LED Dimmer Module  
MD9001: 6A Push ON/OFF (Dummy Dimmer / Non Dimmable) Module  
MD9010: 1-10V Analogue Rotary Dimmer Module  
MD9022: 40-250W Leading Edge Dimmer Module  
MD9042: 60-400W Leading Edge Dimmer Module