

Installers Manual

MEPBMW Push Button, Multi-Way Remote Dimming and Switching On/Off



**FOR
DIMMERS
& 3-WIRE
SWITCHES**

The Switching MEPBMW Remote Button enables Multi-Way dimming and ON/OFF with the DIMPBD Digital Dimmer. It can also be used with MEPBE switch for Multi-Way ON/OFF.

An inbuilt LED indicator can be configured two ways by connecting Neutral to the MEPBMW:

1. The LED indicator can be permanently "ON" switching.
2. Or "ON" while the button is pressed.

The MEPBMW will operate without neutral connected but the LED indicator will not function.

Multiple MEPBMW can be connected in parallel to a single dimmer or a single 3-wire electronic switch, provided the total length of the remote connection does not exceed 50 metres.

1. FEATURES

- Multi-Way dimming and ON/OFF switching for DIMPB Digital Dimmers.
- Multi-Way ON/OFF switching for MEPBE Electronic Switches.
- Neutral not required for button only operation.
- Optional LED Indicator operation requires Neutral.
- Suits TRADER and Clipsal* style wall plates.
- NOT FOR STAND ALONE MAINS SWITCHING.
- White and black buttons are available in the pack.

2. OPERATING CONDITIONS

- Operating Voltage: 230 - 240Va.c. 50Hz.
- Operating Temperature: 0 to +50 °C.
- Compliance Standard: AS/NZS 60669.2.1, CISPR15.
- Power Rating: Based upon connected Dimmer or Electronic Switch.
- Connection Type: Flying leads with bootlace terminals.

Note: Operation at temperature, voltage or load outside of the specifications may cause permanent damage to the unit.

3. LOAD COMPATIBILITY

- For use with MEPBE push button switch and DIMPBD push button dimmers only.

4. INSTALLATION INSTRUCTIONS

WARNING: The MEPBMW Multi-Way Remote Button is to be installed as part of a fixed wire electrical installation. By law, such installations must be made by an electrical contractor or similarly qualified person.

- Single Core: Up to 50m. Connect Active and Neutral (if required) locally, provided they are on the same phase as the dimmer or electronic switch.
- Twin Core: Up to 20m. If the remote does not fully function or there is false switching, only connect the Remote through the twin and connect Active and Neutral (if required) locally, provided they are on the same phase as the dimmer or electronic switch).

COMPATIBLE WITH:
MEPBE Electronic Switch



DIMPBD Digital Dimmer



4.1 WIRING

- Disconnect power at the circuit breaker before any electrical work.
- Clip the button on to the MEPBMW. Ensure that the button is oriented so that the LED light pipe is aligned with the hole in the button, before attaching it to the wall plate.
- Reconnect power at the circuit breaker and affix Solid State Device Warning Sticker at switchboard.

NOTE 1: *The MEPBMW is designed for indoor use. It is not rated for outdoor installation.*

NOTE 2: *Under normal operation in a two (or more) way switching circuit the MEPBMW(A) will make a "switching/clicking" noise when activated.*

4.2 WIRING FOR LED AND BUTTON OPERATION - NEUTRAL PRESENT

Figure 1:
LED Indicator
always ON

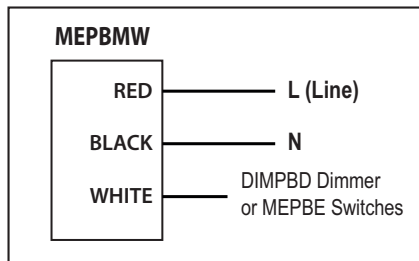
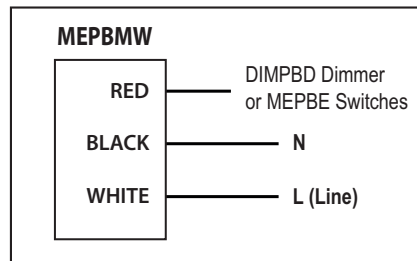


Figure 2:
LED Indicator
ON with
button press



4.3 WIRING FOR BUTTON ONLY OPERATION - NO NEUTRAL REQUIRED

Figure 3:
Button Only
Operation
(NO LED Indicator)

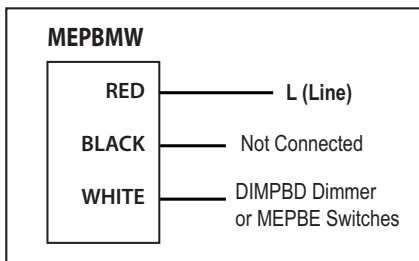
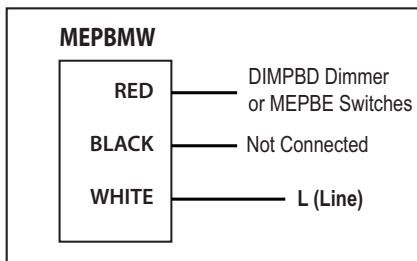
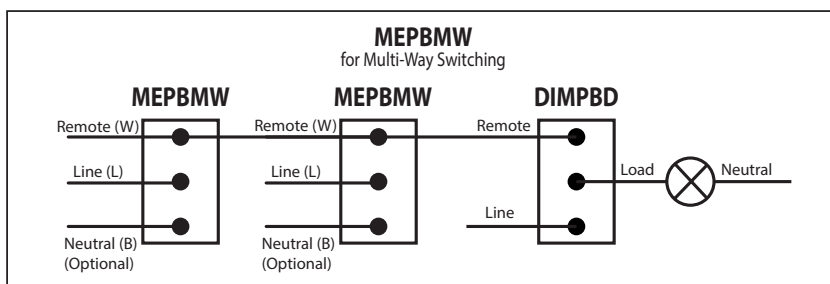


Figure 4:
Button Only
Operation
(NO LED Indicator)



4.4 WIRING MULTIPLE REMOTE BUTTONS WITH DIMPBD DIMMERS



- Multiple Remote Buttons can be used, provided the total remote wiring length does not exceed 50 metres.
- Either LED ON or Button only wiring configurations can be used.

5. IMPORTANT SAFETY WARNINGS

5.1 LOW READING DURING INSULATION BREAKDOWN TEST

- The MEPBMW is a solid-state device and a low reading may be observed when conducting insulation breakdown testing on the circuit.

5.2 CLEANING

- Clean only with a damp cloth. Do not use abrasives or chemicals.

*The Clipsal brand and associated products are Trademarks of Schneider Electric (Australia) Pty Ltd. and used for reference only