Installer's Manual
MEPBEV2 Push Button, Electronic On/Off Switch, 3-Wire



3-WIRE SUITABLE FOR FANS, MOTORS OR IRON CORE BALLASTS

1. FEATURES

- Multi-Way Remote and On/Off.
- Soft touch push button ON/ OFF switch.
- Multi-Way Switching compatible with the MEPBMWV2 Push Button.
- **Blue or Amber LED indicates device status and is configureable.**
- Returns to OFF after loss of power.
- Compatible with a wide range of load types including wire wound transformers & fan motors.
- Suits Trader wall plates.

2. OPERATING CONDITIONS

- Operating Voltage: 230V a.c. 50Hz
- Operating Temperature: 0 to +50 °C
- Compliance Standard: CISPR15, AS/NZS 60669.2.1
- Maximum Load: 1200W / 400W / 250W LED
- Maximum Current Capacity: 5A

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

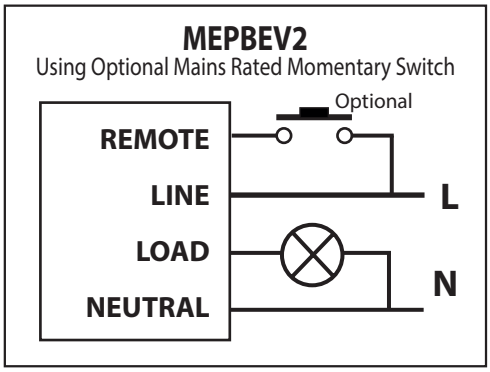
3. LOAD COMPATIBILITY

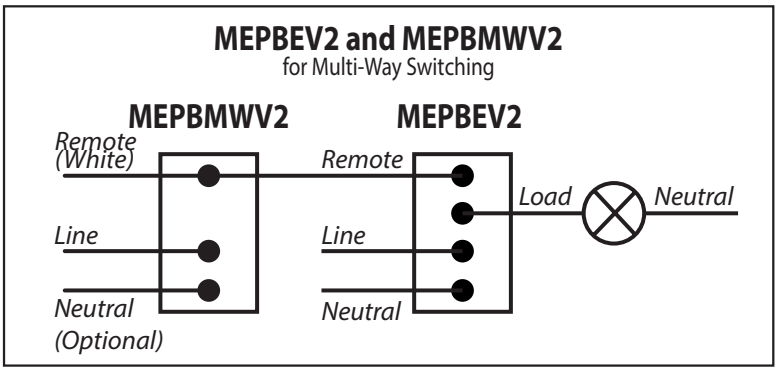
LOAD TYPE	COMPATIBILITY
Incandescent / 240V Halogen	1200W
Fluorescent Tube with Electronic Ballast	400W
Fluorescent Tube with Iron Core Ballast	400W
Compact Fluorescent	400W
Electronic Transformer	400W
LED	250W
Wirewound Transformer	400W
Fan Motors	400W
Heating Elements	1200W

4. WIRING INSTRUCTIONS

WARNING: The MEPBEV2 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.

- No more than one MEPBEV2 can be connected to the same lamp.
- For Multi-Way switching use the MEPBMWV2 Push Button.
- Disconnect power at the circuit breaker before any electrical work.
- Install the MEBPEV2 as per the wiring diagram in figure below.
- The MEBPEV2 **MUST** have a neutral connected for the switch to operate.





The E-switch (MEPBEV2) must be connected directly to the load,
Only one DIMPBDV2 or MEPBEV2 can be installed into a multiway switched circuit
No more than 20x MEPBMWV2 can be connected into the same switched circuit.

5. LED INDICATOR.

- The LED indicator can be changed from Amber to Blue:
- Press and hold down the button for 10sec until the indicator changes colour
- Release the switch
- The unit has now changed its indicator colour

6. IMPORTANT SAFETY WARNINGS

6.1 LOAD REPLACEMENT

- It should be assumed that even when OFF, mains voltage will still be present at the load fitting. Mains power should therefore be disconnected at the circuit breaker before replacing faulty loads.

6.2 INSTALLATION

- The MEPBEV2 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. Avoid excessive force on remote input wire or terminal block during installation.

6.3 LOW READING DURING INSULATION BREAKDOWN TEST

- The MEPBEV2 is a solid-state device and therefore a low reading may be observed when conducting insulation breakdown testing on the circuit.

6.4 CLEANING

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

7. TROUBLESHOOTING

7.1 LOAD FAILS TO TURN ON WHEN THE BUTTON IS PRESSED

- Ensure that the circuit has power by checking the circuit breaker.
- Ensure the load is not damaged or broken.

7.2 LOAD FAILS TO TURN OFF WHEN THE BUTTON IS PRESSED

- If the LED is OFF and if applicable, check that the remote push button is not stuck ON. If not, the MEPBEV2 may be damaged and should be replaced.

8. WARRANTY AND DISCLAIMER

Trader, GSM Electrical (Australia) Pty Ltd warrants the product against manufacturing and material defect from the date of invoice to the initial purchaser for a period of 24 months. During the warranty period Trader, GSM Electrical (Australia) Pty Ltd will replace products that prove to be defective where the product has been correctly installed and maintained and operated within the specifications defined in the product data sheet and where the product is not subject to mechanical damage or chemical attack. The warranty is also conditional on the unit being installed by a licensed electrical contractor. No other warranty is expressed or implied. Trader, GSM Electrical (Australia) Pty Ltd shall not be liable for any direct, indirect, incidental or consequential damages.

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