

# Installer's Manual

## MEPBE Push Button, Electronic On/Off Switch, 3-wire

### 1. FEATURES

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

### 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 / 500VA
- Maximum Current Capacity: 5A
- Terminals: Screw Terminals suit 0.5mm<sup>2</sup> to 1.5mm<sup>2</sup> stranded cable (bootlace terminal recommended)

*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 | 500VA         |
| Fluorescent Tube with Iron Core Ballast  | 500VA         |
| Compact Fluorescent                      | 500VA         |
| Electronic Transformer                   | 500VA         |
| LED                                      | 500VA         |
| Wirewound Transformer                    | 500VA         |
| Fan Motors                               | 500VA         |
| Heating Elements                         | 1200W         |

### 4. WIRING INSTRUCTIONS

**WARNING:** The MEPBE 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.

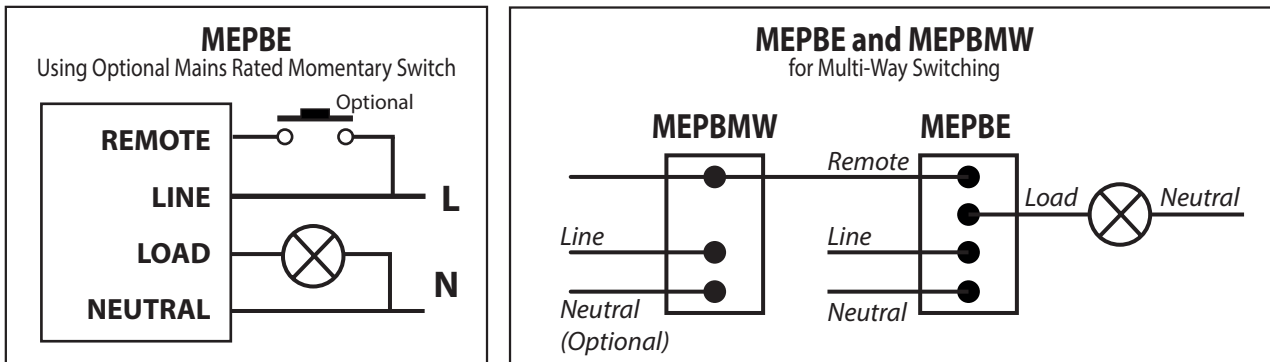
**NOTE:** A readily available disconnect device, such as a type C 16A circuit breaker shall be incorporated - external to the product.

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## 4. WIRING INSTRUCTIONS (Cont)



### 4.1 REMOTE SWITCH

- The MEPBE is Multi-Way switching compatible with the MEPBMW Push Button. Alternatively, a mains rated momentary action switch can be used to wire across the Active and Remote connections.
- Total length of remote wiring should not exceed 50 metres.
- Holding a remote button longer than 2 seconds will turn the power OFF.

## 5. IMPORTANT SAFETY WARNINGS

### 5.1 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.

### 5.2 INSTALLATION

- The MEPBE 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.

### 5.3 LOW READING DURING INSULATION BREAKDOWN TEST

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

### 5.4 CLEANING

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

## 6. TROUBLESHOOTING

### 6.1 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.

### 6.2 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 MEPBE may be damaged and should be replaced.

## 9. 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 12 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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