

# CBU-GRRTEU

## Push and Rotary Grid Dimmer control suitable for Eurodata plates for use with Casambi controls

Input: 220-240 Vac 50Hz

CASAMBI



PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT  
NOTE: CBU-GRRTEU is only compatible to work with CASAMBI enabled equipment

CBU-GRRTEU is designed to control the brightness and colour temperature of lighting loads controlled by Casambi dimmable devices. Configurable via the free to download Casambi APP on Google Play or Apple APP Store.



CBU-GRRTEU is suitable for Eurodata plates. The control comprises a push-push switch with a rotary control function.

### INSTALLATION

To be installed by a competent person with reference to BS 7671 or equivalent local standards. If in doubt consult a qualified electrician.

- Plan where the CBU-GRRTEU is to be located. Switch off supply and check for hidden cables and pipes.
- The CBU-GRRTEU should be connected as shown in diagrams 1 and 2:  
L - Live in. N - Neutral in.
- Wall box depth - 35mm.

### OPERATION

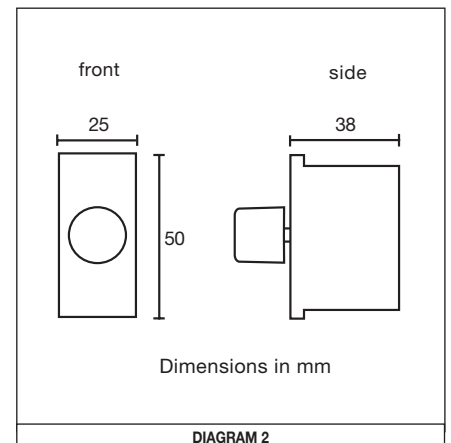
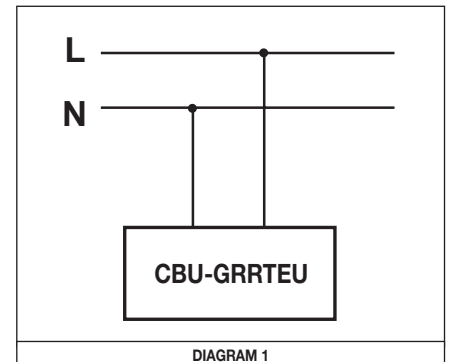
As configured via the Casambi APP.

### PRECAUTIONS

- Ensure wires and cables are securely held within the connection terminals.
- Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided e.g. 6 amps over current, 1kV over voltage.
- Disconnect the CBU-GRRTEU from the circuit before performing insulation testing of the wiring circuit.**

### TECHNICAL DETAILS

| INPUT   |  |
|---|--|
| Voltage:  | 220-240Vac   |
| Frequency:  | 50Hz   |
| Max. mains current:   | 20mA   |
| Standby current:  | 16mA   |
| RADIO TRANSCEIVER   |  |
| Operating frequencies:  | 2.4... 2,483 GHz   |
| Max. output power:  | +4 dBm   |
| OPERATING CONDITIONS  |  |
| Note: The temperature difference between the detection target and the background must be at least 4 °C. |  |
| Ambient temperature:  | -20... +50 °C  |
| Storage temperature:  | -25... +75 °C  |
| Max. relative humidity:   | 0... 80%, non cond.  |
| CONNECTORS  |  |
| Terminal block<br>Wire size:  | 0.5mm <sup>2</sup> - 2.5mm <sup>2</sup><br>solid or stranded |
| Wire strip length:  | 6-7mm  |
| Tightening torque:  | 0,4 Nm/4 Kgf.cm  |
| MECHANICAL DATA   |  |
| Dimensions:   | 51mm x 24mm x 38mm   |
| Weight:   | 35g (unpacked)   |
| Degree of protection:   | IP20   |
| Protection class:   | Built-in Class 2   |
| Material (casing)   | Flame-retardant polycarbonate                                |
| Finish / Colour   | Matt /White (RAL 9003)                                       |
| Protection class:   | Built-in Class 2   |
| CONFORMITY AND STANDARDS  |  |
| EMC emission:   | EN60669-2-1:2004<br>inc. A12:2010                            |
| EMC immunity:   | EN60669-2-1:2004<br>inc. A12:2010                            |
| Safety:   | EN60669-2-1:2004<br>inc. A12:2010                            |
| Environment:  | Complies with WEEE<br>and RoHS directives                    |



### 5 YEAR WARRANTY

CBU-GRRTEU comes with a 5 year warranty from the date of manufacture and is CE marked.

