# CBU-GRMK

## Push Button Control suitable for MK Grid Plus for use with Casambi controls

Input: 220-240 Vac  50Hz

**CASAMBI**

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

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

CBU-GRMK is suitable for MK Grid Plus. The control comprises a push button (push on, push off, hold to dim).

### 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-GRMK is to be located. Switch off supply and check for hidden cables and pipes.
- The CBU-GRMK should be connected as shown in diagrams 1 and 2:

  L - Live in.   N - Neutral in.
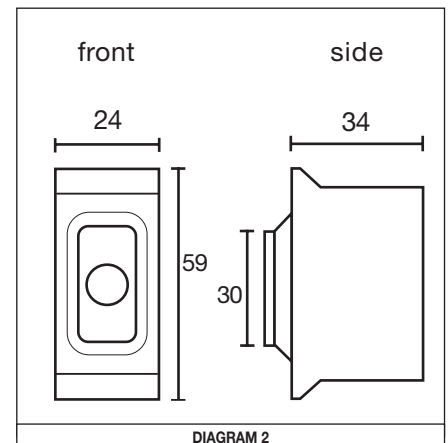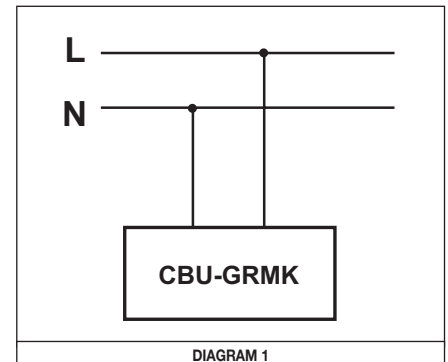- Wall box depth - 35mm.

### 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-GRMK 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 Wire size: | 0.5mm² - 2.5mm² solid or stranded |
| Wire strip length: | 6-7mm |
| Tightening torque: | 0,4 Nm/4 Kgf.cm |
| **MECHANICAL DATA** | |
| Dimensions: | 59mm x 24mm x 34mm |
| Weight: | 30g (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 inc. A12:2010 |
| EMC immunity: | EN60669-2-1:2004 inc. A12:2010 |
| Safety: | EN60669-2-1:2004 inc. A12:2010 |
| Environment: | Complies with WEEE and RoHS directives |



L
N

**CBU-GRMK**

**DIAGRAM 1**



front        side

24           34

59

30

**DIAGRAM 2**

### 5 YEAR WARRANTY

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

CE

**DANLERS**