



CG100S1
One Gang Switch



CG100S2
Two Gang Switch



CG100DM
One Gang Dimmer



CG100S2-CCP
One Gang Curtain
Control Switch

Description

- ZigBee wireless remote control.
- Based on IEEE 802.15.4.
- 2.4GHz radio frequency.
- CG100S1, S2, DM is for lighting control.
- CG100S2-CCP is for control of electronic curtain or motorized window blind.
- LED indicator for on/off status.
- Load/ loads are directly driven by built-in driver.
- Control button can be configured to become two way function.
- Control button can be configured to become scene function.
- Support iPhone, iPad and Android mobile control if CG102BS Base station is purchased.
- Control button graphics can be tailor-made per customer requirement.
- Mounted in standard UK wallbox.
- No EIB / Bus required
- Easy to install.

Mounting:



Square Type UK wallbox

Standard color selection



Specifications

| | CG100S1 | CG100S2 | CG100DM | CG100S2-CCP |
|--|------------------|------------------|---|------------------------------------|
| Description | One Gang Switch | Two Gang Switch | One Gang Dimmer (Leading Edge Dimming) | One Gang Curtain Control Switch |
| Operating voltage | AC220-240V, 50Hz | AC220-240V, 50Hz | AC220-240V, 50Hz | AC220-240V, 50Hz |
| Maximum number of devices included in scene setting , **Remarks 1, 2 | 50 | 50 | 50 | NA |
| **Remarks: 1. When up button is used for dimming up function, the down button cannot be programmed as scene function. 2. Maximum number of devices programmed into the whole product is limited to 50 devices. 3. The maximum load requirements for fluorescent, CFL and LED loads can vary greatly depending upon the specific fixture and /or bulb being used. 4. When dimming transformer is connected to CG100, make sure "dimnable" and "leading edge" type is used. Furthermore, the dimming performance varies greatly from manufacturer to manufacturer of the bulb and the dimming transformer. It is recommended to test the matching performance before mass deployment. | | | | |
| Minimum dimming level setting | NO | NO | YES | NO |
| Memory dim function | NO | NO | YES | NO |
| Two way control function | YES | YES | YES | YES |
| RF frequency | 2.4GHZ | 2.4GHZ | 2.4GHZ | 2.4GHZ |
| Remote control distance (M, line of sight) | 100M | 100M | 100M | 100M |
| Dimensions mm (Length x Width x Depth) | 87x87x38 | 87x87x38 | 87x87x38 | 87x87x38 |
| Recommended operation temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |

Specifications - Loads

| | CG100S1 | CG100S2 | CG100DM | CG100S2-CCP |
|---|--|--|--|---------------------------------|
| Description | One Gang Switch | Two Gang Switch | One Gang Dimmer (Leading Edge Dimming) | One Gang Curtain Control Switch |
| Resistive load 1. Incandescent 2. Halogen 3. Electronic low voltage – ELV transformer | 2000W | 1000W / gang | 600W | |
| Inductive load 1. Magnetic low voltage – MLV transformer. 2. Iron core / Inductive transformer | 2000VA | 1000VA / gang | 600VA | |
| Fluorescent | 1400W | 700W / gang | | |
| Compact fluorescent - CFL | 400W Max. 24 pcs CFL** | 400W / gang Max. 24 pcs CFL/Gang** | 400W Dimmable CFL Max. 20 pcs CFL** | |
| LED – GU10 | 200W | 200W / gang | 60W | |
| LED – MR16, MR11 With electronic low voltage LED driver | 400W Max. 24 pcs ELV LED driver** | 400W / gang Max. 24 pcs ELV LED driver /Gang ** | 120W Max. 15 pcs ELV LED driver** | |
| LED strip With electronic low voltage driver | 400W Max. 10 pcs ELV LED driver** | 400W / gang Max. 10 pcs ELV LED driver /Gang ** | | |
| Exhaust fan | 300VA | 300VA x 2 | | |
| 3 wire type AC curtain motor | | | | 300VA |
| Minimum load | | | 5W | |
| | | | | |

How to Build a Model Number

