

Product Specification



CG800S1

One-Gang Switch (1 Scene)



CG800S1H2

One-Gang Switch (4 Scenes)



CG800S2

Two-Gang Switch (4 Scenes)



CG800S4

Four-Gang Switch (4 Scenes)



CG800DM

One-Gang Dimmer (2 Scenes)



CG800DMH2

One-Gang Dimmer (4 Scenes)



CG800DM2

Two-Gang Dimmer (4 Scenes)



CG800S2-CCP

One-Gang Curtain Control Switch



CG800S4-CCP

Two-Gang Curtain Control Switch

Description

- ZigBee wireless remote control.
- Based on IEEE 802.15.4.
- 2.4GHz radio frequency.
- CG800S1/S2/S4/DM/DM2 – lighting control.
- CG800S2/S4-CCP – Open/Close control for electric or motorized curtain and window blind.
- CG800xxH2 – 4 functions control.
- LED indicator for status indication.
- Plate button can perform two-way function.
- Plate button can perform scene control function.
- Button graphics can be customized.
- With CG102BS-R Base Station, all devices support iOS/Android App control.
- Easy to install.

Product Specification

Specifications

	CG800S1 CG800S1H2	CG800S2	CG800S4	CG800DM CG800DMH2	CG800DM2	CG800S2-CCP	CG800S4-CCP
Description	One-Gang Switch	Two-Gang Switch	Four-Gang Switch	One-Gang Dimmer (Leading edge dimming)	Two-Gang Dimmer (Leading edge dimming)	One-Gang Curtain Control Switch	Two-Gang Curtain Control Switch
Operating voltage	AC220-240V, 50Hz						
Maximum number of devices can be programmed in scene setting	50					N/A	
	Remarks: <ol style="list-style-type: none"> When “Up” button has been programmed as dimming up function, the “Down” button cannot be programmed with scene function. Each product can be programmed and control up to 50 devices. The maximum load requirements for fluorescent, CFL and LED loads may vary depends on the specific fixture and/or bulb being used. CG800 dimmers are compatible with leading edge dimmable lights. The dimming performance varies between devices, models and different manufacturers. Advance performance test is recommended before proceeding with the mass deployment. 					N/A	
Minimum dimming level setting	N/A			Support		N/A	
Memory dim function	N/A			Support		N/A	
Two-way control function	Support						
Control communications	ZigBee, IEEE 802.15.4						
Radio frequency	2.4 GHz, 15 channels						
Remote control distance (line of sight)	100M						
Operational temperature	0°C to 40°C						
Humidity	5% to 95% non-condensing						
Storage	-20°C to 70°C						
Dimension L X W x D (mm)	85x85x39						

Product Specification

Specifications – Loads

	CG800S1 CG800S1H2	CG800S2	CG800S4	CG800DM CG800DMH2	CG800DM2	CG800S2-CCP	CG800S4-CCP
Description	One-Gang Switch	Two-Gang Switch	Four-Gang Switch	One-Gang Dimmer (Leading edge dimming)	Two-Gang Dimmer (Leading edge dimming)	One-Gang Curtain Control Switch	Two-Gang Curtain Control Switch
Resistive load (Per Gang) 1. Incandescent 2. Halogen Electronic low voltage – ELV transformer	2000W	1000W	500W	600W	300W	N/A	
Inductive load (Per Gang) 1. Magnetic low voltage – MLV transformer. 2. Iron core / Inductive transformer	2000VA	1000VA	500VA	600VA	300VA	N/A	
Fluorescent (Per Gang)	1400W	700W	350W	N/A		N/A	
Compact fluorescent - CFL (Per Gang)	400W Max. 24 pcs CFL**	400W Max. 24 pcs CFL**	200W Max. 12 pcs CFL**	400W Dimmable CFL Max. 20 pcs CFL**	200W Dimmable CFL Max. 20 pcs CFL**	N/A	
LED – GU10 (Per Gang)	200W	200W	100W	60W	30W	N/A	
LED – MR16, MR11 (Per Gang) With electronic low voltage LED driver	400W Max.24 pcs ELV LED driver*	400W Max.24 pcs ELV LED driver*	200W Max.12 pcs ELV LED driver*	120W Max. 15 pcs ELV LED driver**	60W Max. 15 pcs ELV LED driver**	N/A	
LED strip (Per Gang) With electronic low voltage driver	400W Max. 10 pcs ELV LED driver**	400W Max. 10 pcs ELV LED driver**	200W Max. 5 pcs ELV LED driver**	N/A		N/A	
Exhaust fan (Per Gang)	300VA	300VA	200VA	N/A		N/A	
3 wire type AC curtain motor	N/A					300VA	300VA
Minimum load	N/A			5W	5W	N/A	

**Remarks:

1. The maximum load requirements for fluorescent, CFL and LED loads may vary depends on the specific fixture and /or bulb being used.