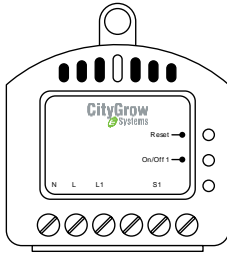
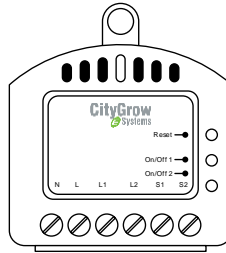


Product Specification



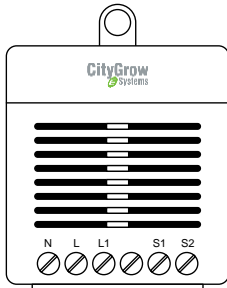
CG403S1

One-Gang Switch Module



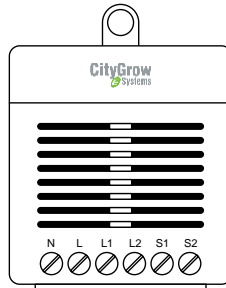
CG403S2

Two-Gang Switch Module



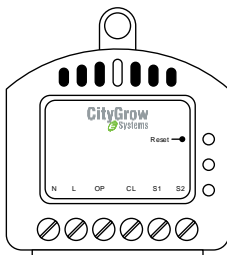
CG403DM

One-Gang Dimmer Module



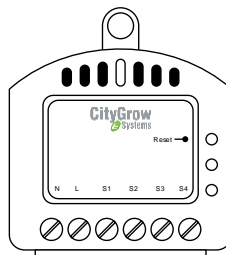
CG403DM2

Two-Gang Dimmer Module



CG403S2-CCP

One-Gang Curtain Control Switch
Module



CG403R

Four-Gang Remote Control Module

Description

- ZigBee wireless remote control.
- Based on IEEE 802.15.4.
- 2.4GHz radio frequency.
- LED indicator for status indication.
- Local Test button.
- Local Reset button.
- Compact size and easy to install in suspended ceiling.
- Direct AC 220V input.
- CG403S1/S2 – On/Off control.
- CG403R – remote control, scene control and group control.
- CG403S2-CCP – Open/Close control for electric or motorized curtain and window blind.
- All the modules can be remotely controlled by Citygrow’s ZigBee devices/ panels.
- With CG102BS-R Base Station, all devices support iOS/Android App control.

Product Specification

Specifications

	CG403S1	CG403S2	CG403DM	CG403DM2	CG403S2-CCP	CG403R
Description	One-Gang Switch Module	Two-Gang Switch Module	One-Gang Dimmer Module	Two-Gang Dimmer Module	One-Gang Curtain Control Switch Module	Four-Gang Remote Control Module
Operating voltage	AV 220-240V, 50Hz					
Function	<ol style="list-style-type: none"> Build-in relay to control lighting circuit On/Off. One input for momentary type switch. Support wireless remote control with CityGrow's ZigBee keypads / devices. 	<ol style="list-style-type: none"> Build-in two relays to control lighting circuits On/Off. Two inputs for momentary type switch. Support wireless remote control with CityGrow's ZigBee keypads / devices. 	<ol style="list-style-type: none"> One-gang Leading-edge dimmer. One input for momentary type switch. Dim-up and dim-down by holding the momentary switch. Support wireless remote control with CityGrow's ZigBee keypads / devices. 	<ol style="list-style-type: none"> Two-gang Leading-edge dimmer. Two input for momentary type switch. Dim-up and dim-down by holding the momentary switch. Support wireless remote control with CityGrow's ZigBee keypads / devices. 	<ol style="list-style-type: none"> To control open/close /stop of electric curtain motor. Build-in two relays to control forward and reverse motion for electric motorized curtain. Two inputs for momentary type switch. Preset curtain Open/Close travel time. Support wireless remote control with CityGrow's ZigBee control panels/ devices. 	<ol style="list-style-type: none"> Four inputs for momentary type switch. Support wireless remote control with CityGrow's ZigBee devices. Support group control and scene control.
Control communications	ZigBee, IEEE 802.15.4					
Radio frequency	2.4 GHz, 15 channel					
Radio reception range	100M (line of sight)					
Operational temperature	0 deg C to 40 deg C					
Humidity	5% to 95% non-condensing					
Storage	-20 deg C to 70 deg C					
Dimension L X W x D (mm)	40x43x24	40x43x24			40x43x24	40x43x24

Product Specification

Specifications - Loads

	CG403S1	CG403S2	CG403DM	CG403DM2	CG403S2-CCP	CG403R
Description	One-Gang Switch Module	Two-Gang Switch Module	One-Gang Dimmer Module	Two-Gang Dimmer Module	One-Gang Curtain Control Switch Module	Four-Gang Remote Control Module
Resistive load (Per Gang) 1. Incandescent 2. Halogen 3. Electronic low voltage – ELV transformer	1000W	800W	200W	Total 200W	N/A	N/A
Inductive load (Per Gang) 1. Magnetic low voltage – MLV transformer. 2. Iron core / Inductive transformer	1000VA	800VA	200VA	Total 200VA	N/A	N/A
Fluorescent (Per Gang)	700W	600W	N/A	N/A	N/A	N/A
Compact fluorescent - CFL (Per Gang)	400W Max. 24 pcs CFL**	300W Max. 12 pcs CFL**	N/A	N/A	N/A	N/A
LED – GU10 (Per Gang)	200W	200W	20W	20W (Per Gang)	N/A	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**	40W Max. 8pcs ELV LED driver**	40W (Per Gang) Max. 8pcs ELV LED driver**	N/A	N/A
LED strip (Per Gang) With electronic low voltage driver	400W Max. 5 pcs ELV LED driver**	400W Max. 5 pcs ELV LED driver**	N/A	N/A	N/A	N/A
Exhaust fan (Per Gang)	300VA	300VA	N/A	N/A	N/A	N/A
3 wire type AC curtain motor	N/A	N/A	N/A	N/A	300VA	N/A
Minimum load	N/A	N/A	4W	4W	N/A	N/A

**Remarks:

- The maximum load requirements for fluorescent, CFL and LED loads can vary greatly depending upon the specific fixture and /or bulb being used.