![CityGrow Systems]

CG130 SERIES - INSTALLATION GUIDE

| CG130S1 One-Gang Switch | CG130S2 Two-Gang Switch | CG130S4 Four-Gang Switch | CG130DM One-Gang Dimmer | CG130DM2 Two-Gang Dimmer | CG130S2-CCP One-Gang Curtain Control Switch |

Model Number and Ratings (see product spec. for details)

Operating Voltage	AC220 to 240V	
	MAX. LOAD	MIN. LOAD
CG130S1xx	2000W	N/A
CG130S2	1000W x 2	N/A
CG130S4	500W x 4	N/A
CG130DM	600W	5W
CG130DM2	300W x 2	5W
CG130S2-CCP	300VA	N/A
CG130S4-CCP	300VA x 2	N/A

Before getting started

- WARNING! It must be installed by a qualified electrician in accordance to all applicable regulations and building codes. Improper wiring can result in personal injury or damage to control units or other equipment. Always turn off circuit breaker or remove main fuse from power line before doing any work. To avoid overheating and possible damage to equipment.

- WARNING! Do not operate when any lamps removed or burned out; replace any burned out lamps immediately; use only transformers that incorporate thermal protection or fused primary windings. ! This product is designed for residential and commercial use, for indoor use only.

- WARNING! Install in accordance to all national and local electrical codes.

- IMPORTANT! CityGrow® is not liable for any damage incurred with the misuse of the product.

- IMPORTANT! Pre-setup can only be done by a professional technician or manufacturer agent.
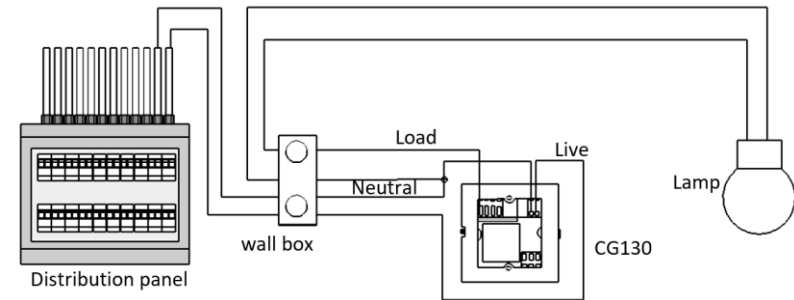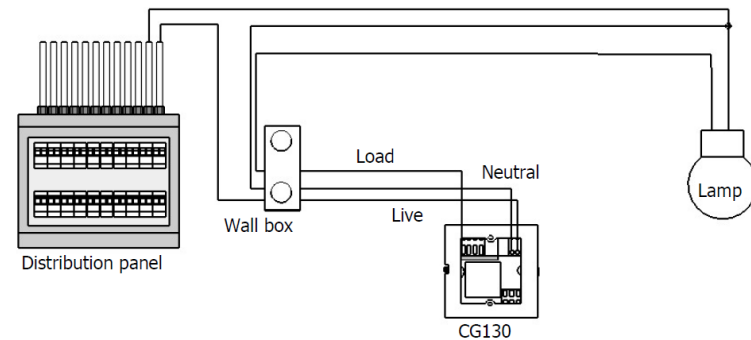
Installation Instructions

Wiring Diagram – CG130S1xx, CG130S2, CG130S4, CG130DMxx and CG130DM2xx

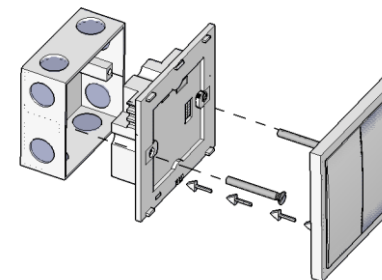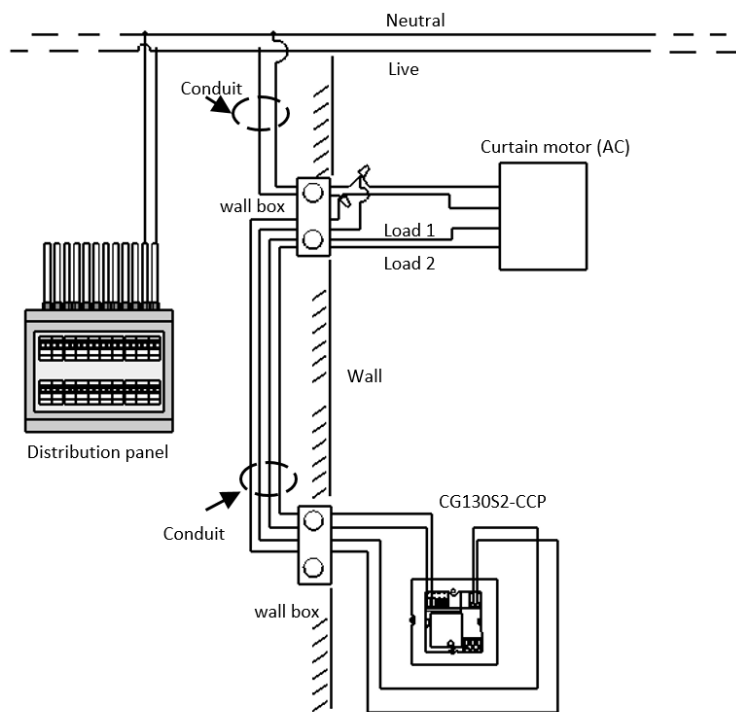Situation 1: Live, Neutral and Load wires are ready at wall box

Notes: The Neutral wire of load is closely connected to the Neutral point of CG130.

Situation 2: Live and Load wires are ready at wall box, Neutral wire is only ready at ceiling

Wiring Diagram – CG130S2-CCP

Neutral

Live

Conduit

Curtain motor (AC)

wall box

Load 1

Load 2

Wall
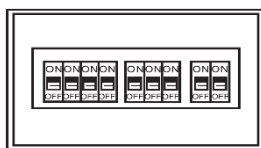
Distribution panel

Conduit

CG130S2-CCP

wall box

STEP 5: Push the ON/OFF Button to test whether the wiring has been connected correctly. If the ON/OFF Button does not function as expected, please check the wiring connection again.

Notes: Use standard UK (BS4662) wall box for installation. Minimum depth requirement is 35mm. It is recommended to embed the wall box with maximum depth (preferably with 50mm depth) fixed inside the wall for more sufficient installation space.

For more details about the product series, please refer to the user manual and product specifications.

For more details on programming of the products, please refer to HomeNET Planner Software user manual.

STEP 1: **IMPORTANT!** Turn off main power at the main switch board.

STEP 2: Loosen the screws of the original wall switch. Remove the switch and disassemble the wiring.

STEP 3: Connect the main power cable to the Live and Neutral terminals and the load cable to the Load terminals at the rear cabinet of the product.

STEP 4: Fasten the screws of all terminals and check that the wires are properly secured. Retrofit the switch into the standard switch box and mount it on the wall by fastening the two screws at the rear of the switch box.