

CG800 SERIES - INSTALLATION GUIDE



CG800S1
One-Gang
Switch



CG800S2
Two-Gang
Switch



CG800S4
Four-Gang
Switch



CG800DM
One-Gang
Dimmer



CG800DM2
Two-Gang
Dimmer



CG800S2-CCP
One-Gang
Curtain Control
Switch

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

Operating Voltage

AC220 to 240V

	MAX. LOAD	MIN. LOAD
CG800S1xx	2000W	N/A
CG800S2	1000W x 2	N/A
CG800S4	500W x 4	N/A
CG800DM	600W	5W
CG800DM2	300W x 2	5W
CG800S2-CCP	300VA	N/A
CG800S4-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.

Disclaimers and Copyright

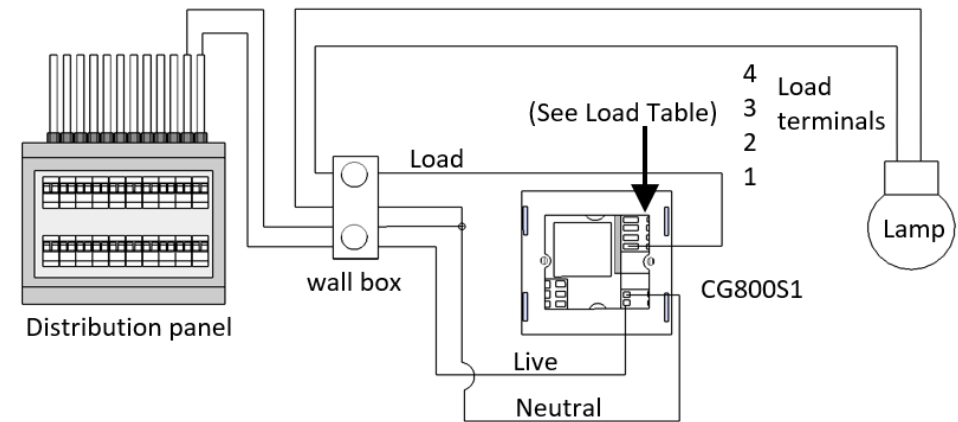
Nothing contained in this publication is to be construed as granting any right, by implication or otherwise, for the manufacture, sale, or use in connection with any method, apparatus, or product covered by letters patent, or as insuring anyone against liability for infringement of letters patent.

Efforts have been made to ensure the accuracy and reliability of the data contained in this publication; however, CityGrow Energy Systems Limited. makes no representation, warranty, or guarantee in connection with this publication and hereby expressly disclaims any liability or responsibility for loss or damage resulting from its use or from the use of any product or methodology described herein; for any violation of any federal, state, or municipal regulation with which this publication may conflict; or for the infringement of any patent from the use of this publication. Nothing contained in this publication should be viewed as an endorsement by CityGrow Energy Systems Limited of any particular manufacturer's products.

Installation Instructions

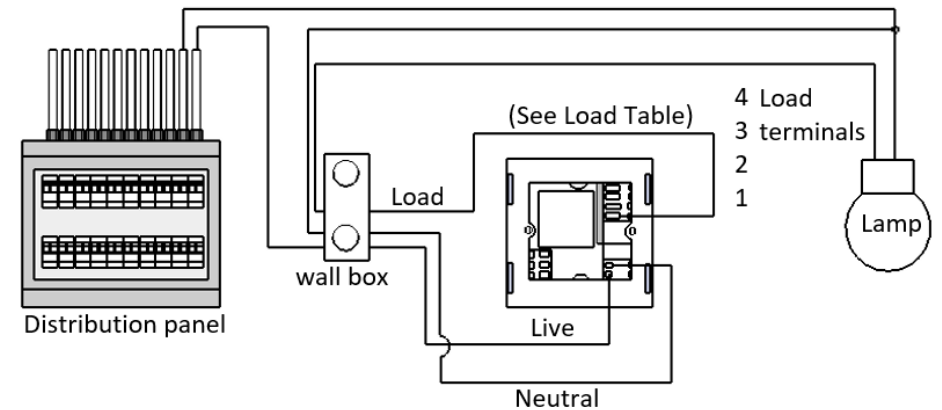
Wiring Diagram – CG800S1xx, CG800S2, CG800S4, CG800DMxx and CG800DM2

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

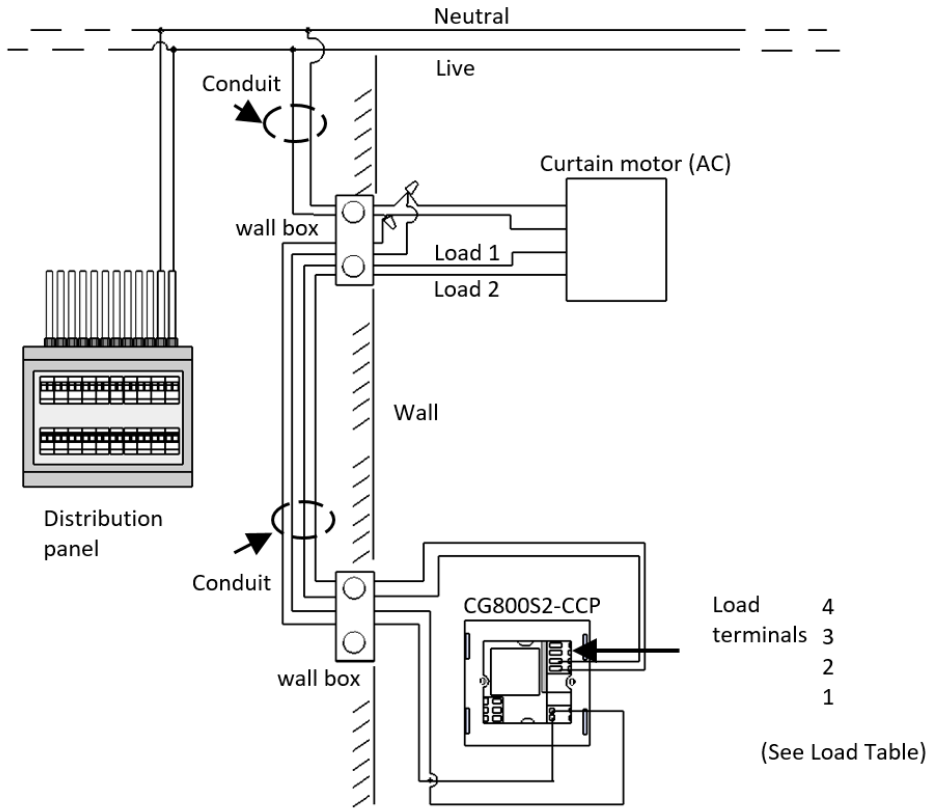


Notes: The Neutral wire of load is closely connected to the Neutral point of CG800.

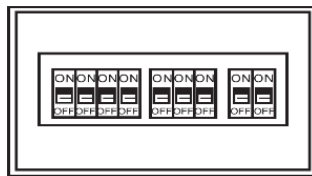
Situation 2: Live and Load wires are ready at wall box, Neutral wire is only ready at ceiling



Wiring Diagram – CG800S2-CCP



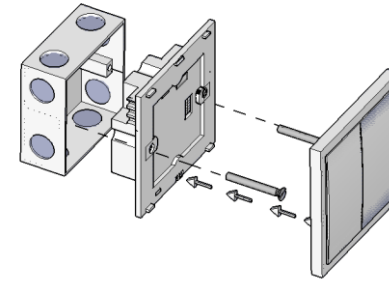
STEP 1: **IMPORTANT!** Turn off main power at the main switch board.



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.



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 2 Software user manual.