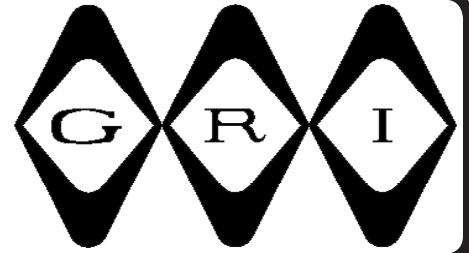


# CURRENT CONTROLLER MODEL CC15 SERIES



- ◆ U.L. Listed For US and Canada
- ◆ 15 Amp Switching
- ◆ Designed For Appliance Control
- ◆ Used in Environmental Control & Lighting Systems
- ◆ Controlled With Low Voltage Applications
- ◆ Custom Programming Options Available



## APPLICATION:

The GRI CC15 Current Controller is an automatic current switching device. This device was designed to be used primarily for switching appliance and lighting system, such as Area lighting, LED lighting and environmental control units. It operates by monitoring the state of a low voltage switch that can be placed in remote locations such as a door or window. Therefore the appliance can be controlled by an opening or closing of that door or window.

## DESCRIPTION:

The GRI CC15 Current Controllers are 15Amp general purpose relay circuits that can be controlled remotely with any normally open dry contact switch. It comes with an enclosure that can be attached to or into an approved electrical junction box. It also comes with connecting wires and hardware for connecting to a power source, an appliance load and for the remote switch (switch not included). The low voltage switch circuit for this device is an electrically isolated battery powered (battery included), with a microprocessor controlled input. It can be switched from remote locations up to 1000ft away using low voltage wiring applications.

The GRI CC15 Can Switch 15 Amps of current for most all common used voltages.

Current models include:

CC15-230VAC  
CC15-115VAC  
CC15-24VAC  
CC15-24VDC  
CC15-12VDC.

### High Voltage Specifications:

Contact Rating 15 Amp  
Maximum Current 16 Amps  
Coil Power .76 VA (Typ)

Operating Temperature -20 to 70C

### Low Voltage Specifications

Voltage 3 VDC  
Maximum Voltage 5 VDC  
Supply Current .25uA (Typ)

Battery Life 5 years minimum

Open loop switch required.

GRI has a complete line of open loop switches to meet your applications.

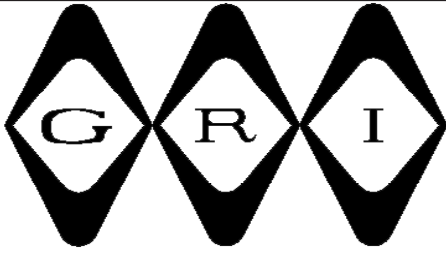
## WARRANTY:

One year warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.  
G.R.I. PLAZA  
KIMBALL, NE 69145



TOLL-FREE 1-800-445-5218 • 1-800-523-1227  
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WEB SITE: www.grisk.com



# CURRENT CONTROLLER MODEL CC-15 SERIES

## Installation procedures

**NOTE:** The Installation of the GRI Current Controller must be performed by a licensed Electrician. The GRI CC15-115 CC15-230 enclosure must be attached on to, or into a UL approved electrical junction box.

### 1. Remove Plastic Knock out

Determine the best knock out hole for the high voltage wires that provide the best fit when secured properly to the electrical junction box. Knock out the plastic using a large screw driver or needle nose pliers. Next remove plastic from top side of enclosure for the low voltage wires.

### 2. Install Battery, Circuit board, Lid and Pretest

Connect battery to circuit board (observing voltage polarity). Install conduit Nipple through CC15 enclosure. Insert wires through the appropriate knock outs, and then attach the lid with the provided screws.

Pretest by simulating the on and off signal by connecting and disconnecting the two ends of the low voltage wires. Listen for a relay activation (clicking sound). If the relay cannot be heard, Do Not Install. Check Battery, Return or Contact Manufacture at 800-445-5218

### 3. Attach CC15 enclosure to electrical junction box

**CAUTION:** Remove all power entering the electrical junction box before connecting or disconnecting the GRI CC15. Attach boxes together using the supplied conduit nipple and lock nut.

### 4. Connect the circuit wires

Attach the CC15 High Voltage wires cording with the Diagram shown for each CC15 model number. use the supplied wire connectors to make the connections.

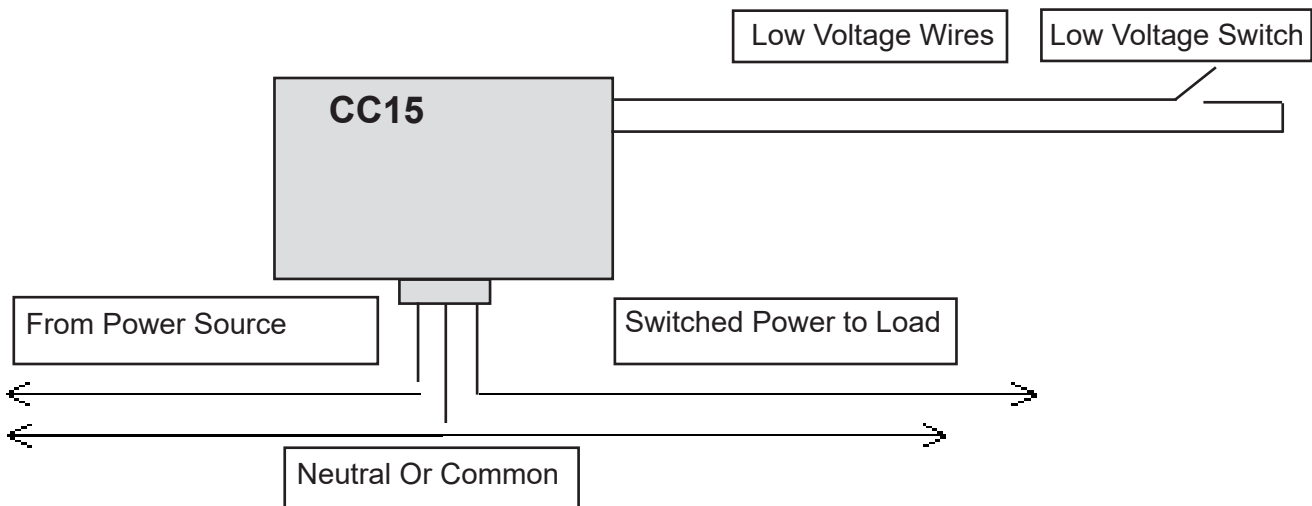
The Low voltage wires can then be attached to a normally open low voltage dry contact switch.

Contact Factory for optional input switching or programmable control ( 800-445-5218)

Reapply power to junction box and test for power at load with a switch closure.

## NOTE:

The Installation of the GRI Current Controller GRI CC15-115 and CC15-230 must be performed by a licensed Electrician.



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