

Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

RRU – UL 924 Remote Relay Unit

Detects loss of normal power and automatically sends signal to lighting control panel

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

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Product Certification



Top Product Features

- The Remote Relay Unit (RRU) supports 120 VAC and 277 VAC input voltage configurations
- Designed to force all outputs in the lighting control panel to an emergency scene regardless of the control panel's programmed output status. This allows the override of outputs during loss of normal (grid) power to allow an alternate power source to drive the lighting loads (Once the RRU senses the normal power returning, the control panel will return to the normal programmed operating mode).
- UL 924 Listed Accessory
- Detects loss of normal power and automatically sends signal to lighting control panel
- Allows Cooper Lighting Solutions lighting panels to be listed as UL 924 when RRU is connected

Order Information

This is an accessory for the Room Controller, DLVP, ControlKeeper, iLumin, WaveLinx Wired, and FifthLight lighting control panels. When ordering, specify the RRU as a separate system accessory.

Catalog Number

Catalog Number	Description	Rating
RRU-UNV	UL924 Remote Relay Unit	120/277 VAC
RRU-X-UNV	UL924 Remote Relay with 0-10V	120/277 VAC
RRU-X-UNV-FM	UL924 Fixture Mount Remote Relay with 0-10V	120/277 VAC
Note for 347 VAC Applications please see Model LRM-347		

Product Specifications

Mechanical

Size: 1.7" x 3.0" x 1.2" (43mm x 76mm x 30mm)

Size with wallplate: 2.75" x 4.5" x 1.2" (70mm x 114mm x 30mm)

Weight: 12.0 oz (0.34 kg)

Environment:

- **Operating temperature:** -40°F to 149°F (-40°C to 65°C)
- Plenum Rated
- Damp location rated

Mounting: Universal (Flush, Junction Box, Panel, and Fixture Mount)

Color: White

Electrical

Input Requirements:

- Connects to normal power
- Lighting Control Panels must be fed from alternate power

Hardware Specifications

Status Indicators:

- An integral test switch and green LED allow for quick testing and verification of proper function

Compatibility

- Room Controller
- DLVP
- ControlKeeper
- iLumin
- WaveLinx Wired
- FifthLight

Standards/Ratings

- UL approved
- UL 924 Listed
- Allows Cooper Lighting Solutions lighting panels to be listed as UL 924 when RRU is connected

Warranty

Five year warranty standard

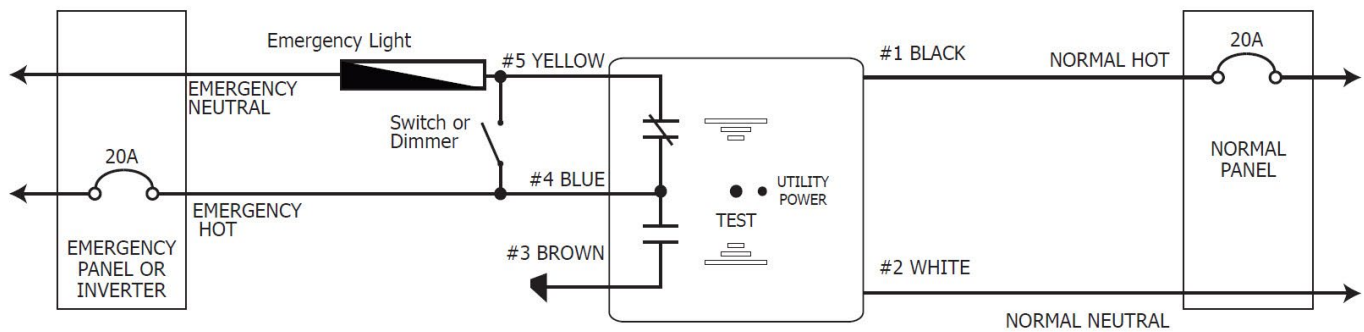
Operation

The RRU provides a dry contact closure to the Cooper Lighting Solutions lighting panels when normal (grid) power is lost. This contact closure forces a hardware override of all relays in the enclosure to the ON state. This override condition takes priority over any relay commands from the system controller and will remain in effect until the contact closure from the RRU is opened.

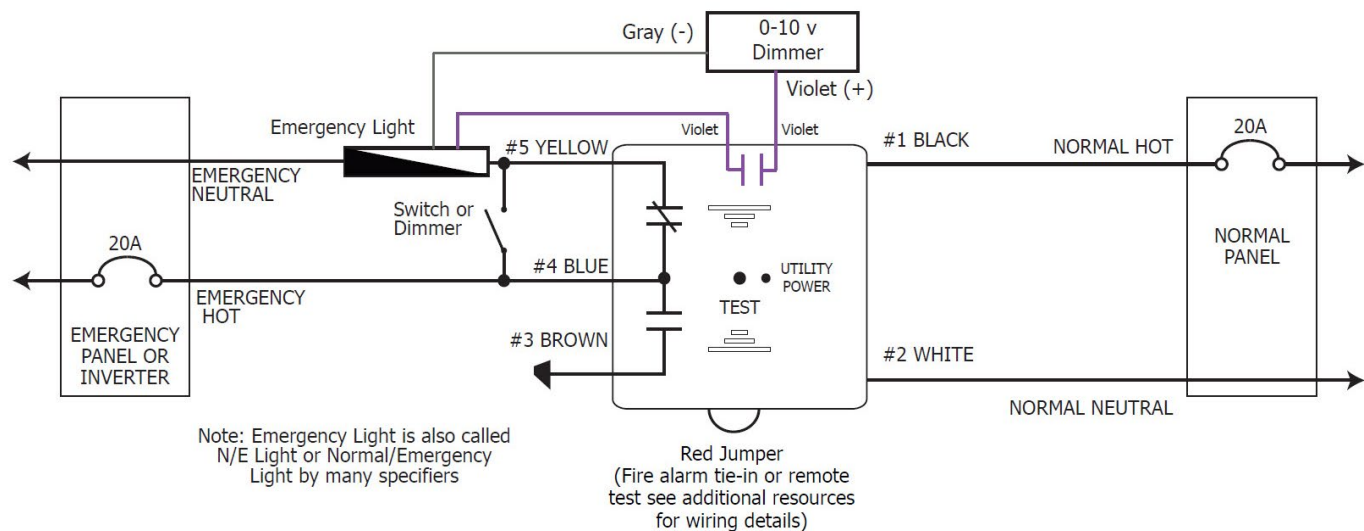
Installation

The RRU can be installed next to the lighting control panel enclosure.

Wiring Diagrams



Note: Emergency Light is also called N/E Light or Normal/Emergency Light by many specifiers



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Red Jumper
(Fire alarm tie-in or remote test see additional resources for wiring details)

Control Systems

- Greengate
- DLVP