

OVERVIEW

The Emergency Shunt Relay is a Normally Closed (NC), electrically-held relay to be wired in parallel with a wall switch and automatically shunts manually controlled emergency lighting during a power outage. The Emergency Shunt Relay comes in a two-gang junction box (J-Box) with a voltage separating barrier and is shipped with a plaster ring separating Normal and Emergency Power. The compact size of the Emergency Shunt Relay allows wall switches to be mounted directly onto the J-Box and because it is not wattage dependent, the Emergency Shunt Relay is also ideal for wall dimmers.

FEATURES

- Optional enclosure for up to eight shunt relays (often used with feed-through dimming panels)
- CSA listed to CSA Std C22.2 No. 141-10, CSA US listed to UL 924

SPECIFICATIONS

Junction box dimensions: 4" w x 4" h x 2.125" d (single shunt relay)

6" w x 8" h x 4" d (dual relay)

6" w x 10" h x 4" d (3SR)

12" w x 6" h x 4" d (4SR)

12" w x 12" h x 4" d (6SR, 8SR)

Plaster ring depth: 0.625" (5/8")

Ambient temperature: 32–105° F (0–41° C)

Max. humidity: 10–90% non-condensing

Power consumption: 1 watt

Coil rating: Specify 120VAC or 277VAC

Contact rating: 20A up to 277VAC

Operations: 40,000 @ 20A 277VAC

Listings: CSA listed to CSA Std C22.2 No. 141-10, CSA US listed to UL 924

Warranty

Three-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

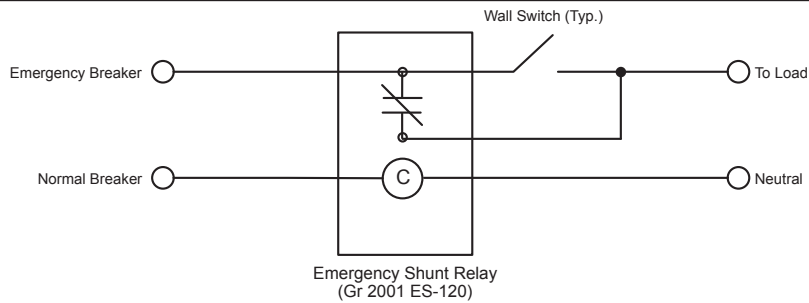
Specifications subject to change without notice.

ORDERING INFORMATION

EMERGENCY SHUNT RELAY			Example: GR2001 EMSHUNT 120 2SR NE1
System and Type	Voltage	Number of Relays per Enclosure	Enclosure Type
GR2001 EMSHUNT	120 120V	1SR 1 Emergency shunt relay	NE1 NEMA 1
	277 277V	2SR 2 Emergency shunt relays	
		4SR 4 Emergency shunt relays	
		6SR 6 Emergency shunt relays	
		8SR 8 Emergency shunt relays	
		DUAL 2 Emergency shunt relays to control normal and emergency lighting from a single-pole wall switch	



OVERVIEW



The Emergency Shunt Relay isolates the normal and emergency power both electrically and mechanically.

The major advantage of the Emergency Shunt Relay is its small size — a wall switch may be mounted in the same box as the Emergency Shunt Relay, simplifying installation.

The Emergency Shut Relay is factory mounted in a 4" X 4" junction box and comes with a two-gang deep plaster ring. Emergency circuit wall station shall mount in the same enclosure.

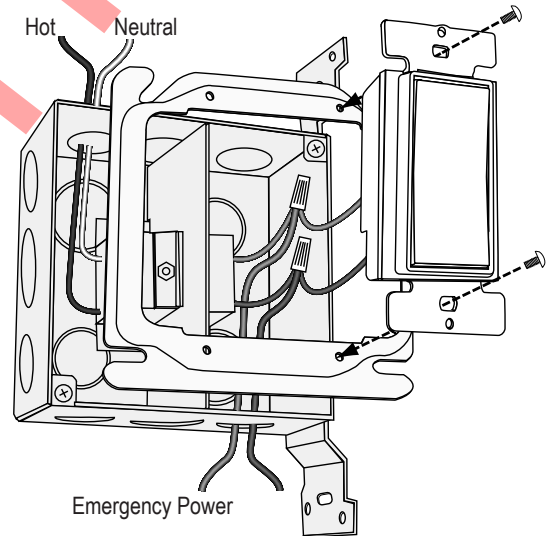
The Contractor should plan on supplying a two-gang wall plate and single wall switch appropriately rated per NEC and any local electrical codes.

The Emergency Shunt Relay is built with a 16-gauge steel barrier to separate normal and emergency power.

HOOK UP

1. Mount GR 2001 enclosure to stud using mounting brackets.
2. Route normal and emergency conductors to appropriate compartment.
3. Ensure that the coil is fed by the correct voltage (i.e., 120V or 277V).
4. Wire the relay contacts in parallel with the switch.
5. Mount switch to the plaster ring provided by LC&D.
6. Mount a two-gang cover plate (supplied by contractor). Cover plate should have a blank on one side and the switch punch-out on the other.

Normal Power



Title 24 System Component

