

OVERVIEW

The Dual Voltage Switch is a Normally Open (NO), electrically-held relay which allows a single-pole switch to control loads operating at two different voltages (i.e. 120V and 277V). The Dual Voltage Switch is comes in a two-gang junction box (J-Box) with a voltage separating barrier and is shipped with a plaster ring. The compact size of the Dual Voltage Switch allows a wall switch to be mounted directly onto a GR 2001 box and plaster ring package.

FEATURES

- Built-in voltage barrier
- Two-gang box and plaster ring
- ETL listed to UL 924

SPECIFICATIONS

- Junction box dimensions: 4" w x 4" h x 2.125" d
- Plaster ring depth: 0.625" (5/8")
- Power consumption: 1 watt
- Max. humidity: 10 – 90% non-condensing
- Ambient temperature: 32 – 104° F (0 – 40° C)
- Coil rating: Specify 120VAC or 277VAC
- Contact rating: 20A up to 277VAC
- # Operations: 40,000 @ 20A 277VAC
- Listings: ETL listed to UL 924

Warranty

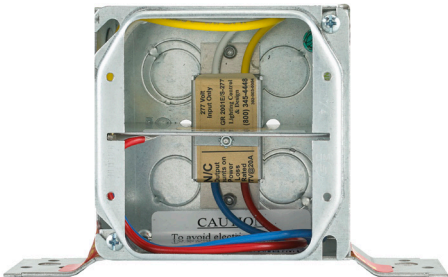
Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.



LC&D™

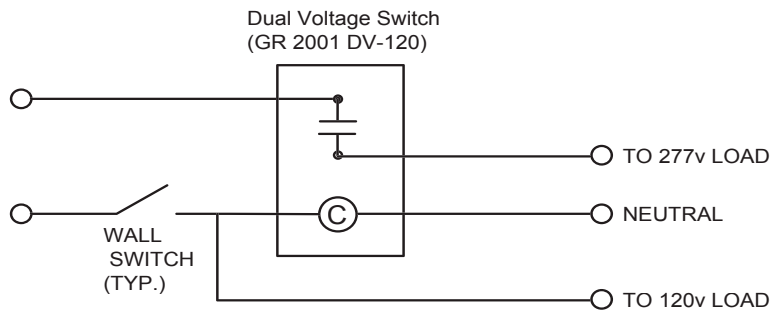
GR 2400™
Dual Voltage Switch



ORDERING INFORMATION

DUAL VOLTAGE SWITCH		Example: GR2001 DUALV 120 NE1
System and Type	Voltage	Enclosure Type
GR2001 DUALV	120 120V 277 277V	NE1 NEMA 1

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The Dual Voltage Switch isolates the two voltages both electrically and mechanically.

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

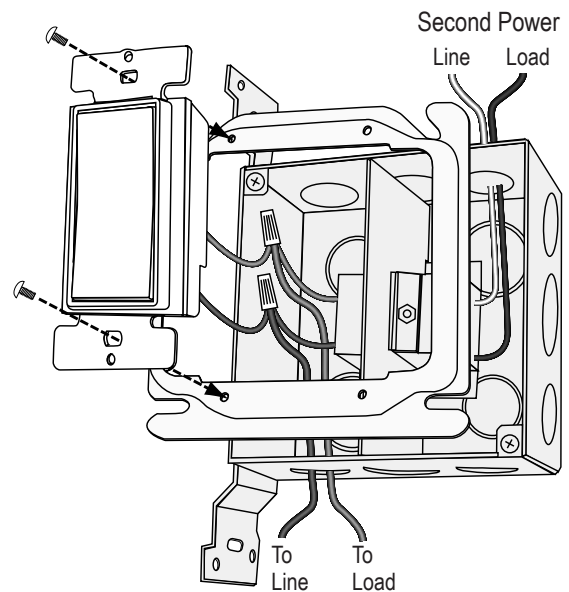
Dual Voltage Switch is factory mounted in a 4" x 4" junction box and two-gang, deep plaster ring. Emergency circuit-wall switch shall mount in same enclosure.

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

Dual Voltage Switch is ETL listed to UL 924 with a 16-gauge steel barrier to separate high and low voltage.

HOOK UP

1. Mount the Dual Voltage Switch enclosure to stud using mounting brackets.
2. Route conductors to appropriate voltage compartment.
3. Ensure that the coil is fed by the correct voltage (i.e., 120VAC or 277VAC).
4. Wire the relay coil in parallel with the load.
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.



Title 24 System Component