

Guide to 208 V Switching Using Lutron® Softswitch® Relay Technology

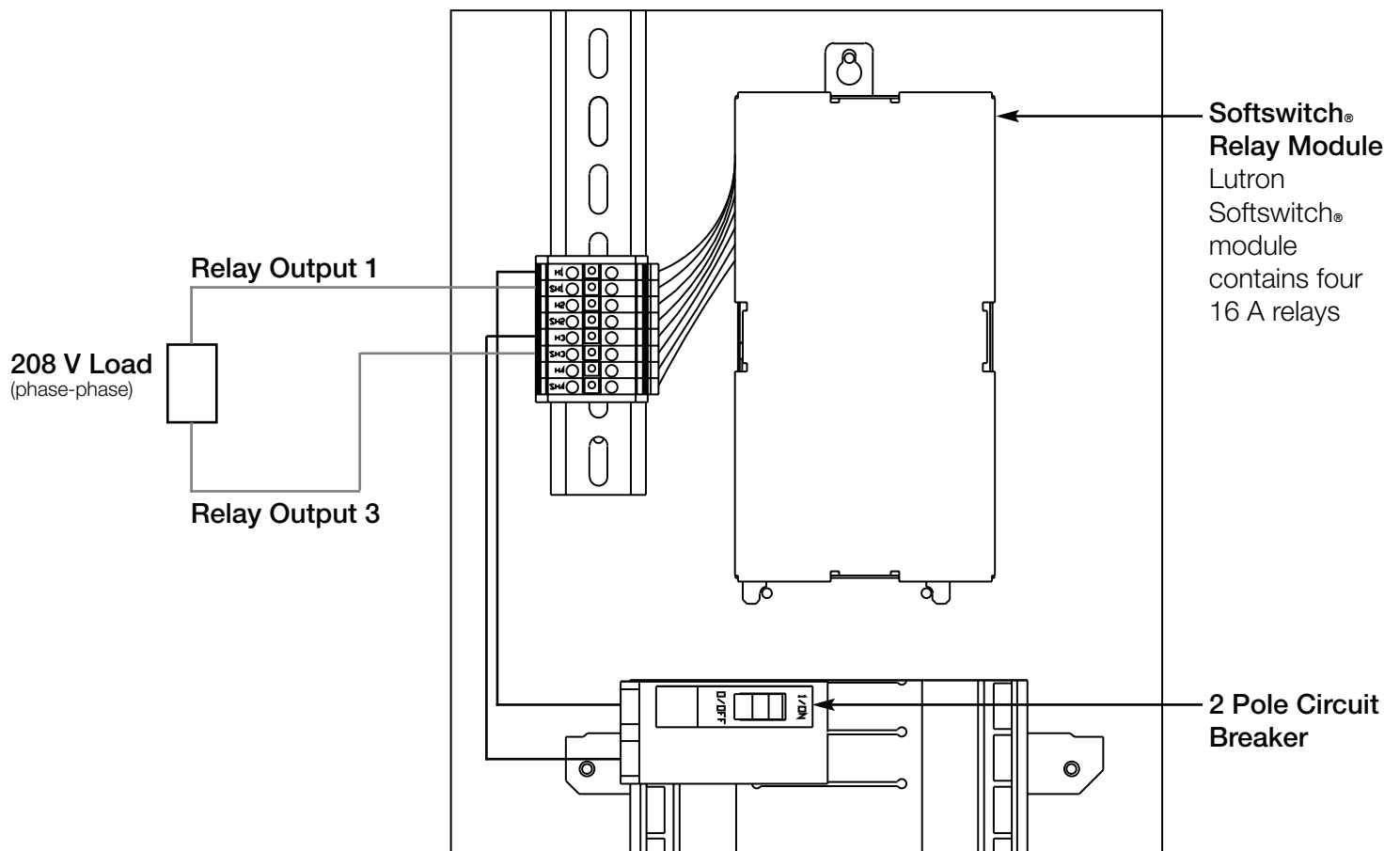
208 V load switching may be accomplished using a two-pole breaker and two Softswitch® relay outputs. This method guarantees 0 V potential at the load when it is de-activated.

208 V Switching with Two Relays Per Load

NOTE: This is the method recommended by Lutron®. When the load is turned off, an air gap is on both switched legs.

Lutron Softswitch® Relay Panel Example:

The diagram below shows a Lutron below Softswitch® relay panel breaking both phases. The same can be accomplished using a distribution panel and a Lutron feedthrough panel. The relay technology will last 1,000,000 cycles. Breaking both phases requires the two relays controlling a load to be programmed the same.

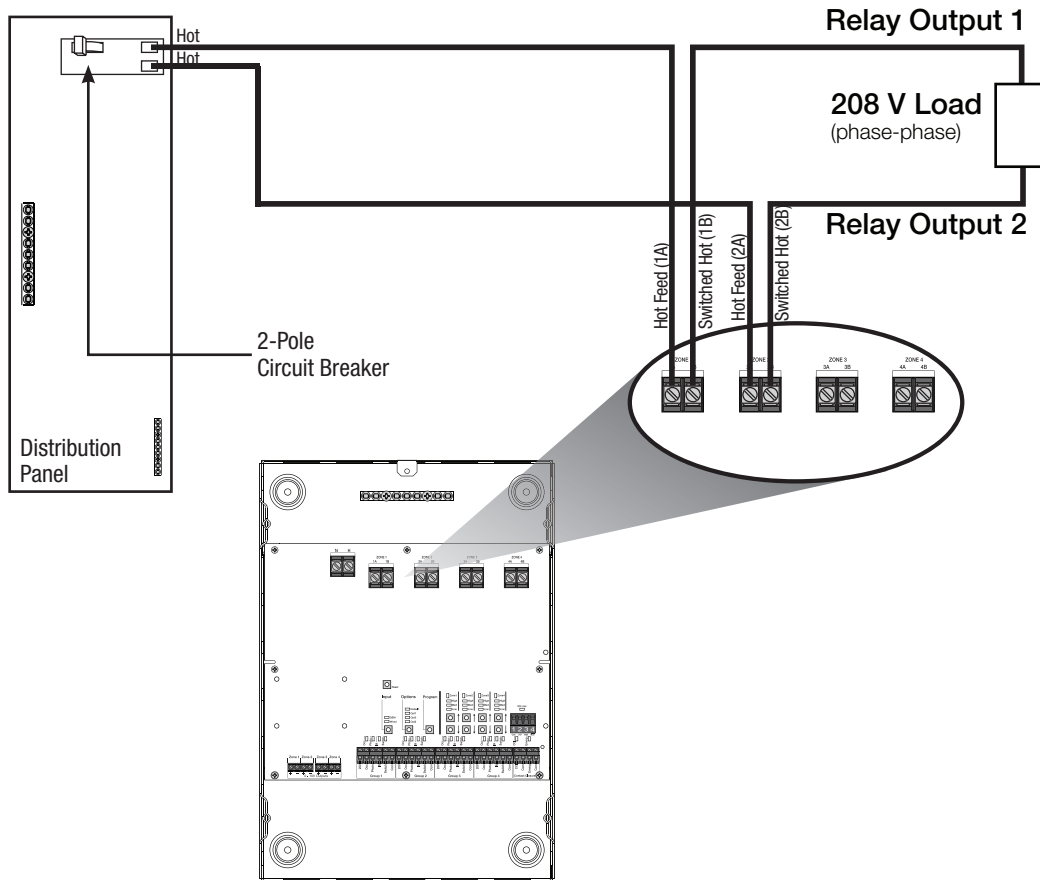


208 V Switching with Two Relays Per Load (cont.)

NOTE: This is the method recommended by Lutron®. When the load is turned off, an air gap is on both switched legs.

Lutron Energi Savr Node™ Unit Example:

The diagram below shows an Energi Savr Node™ unit breaking both phases. The relay technology will last 1,000,000 cycles. Breaking both phases requires the two relays controlling a load to be programmed the same.



Energi Savr Node™ unit contains four 16 A relays. (Model QSN-4T16-S shown)

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