

Protection against Inductive Loads



Part no: PMRLSUP

When wiring a Powermesh or Senoa Multi Purpose switch to an inductive load such as an exhaust fan, contactor, etc, the use of a Powermesh Red Lion Snubber, PMRLSUP is highly recommended as a safeguard to protect the switch.

Also known as an RC Suppressor, the Snubber will normalise current spikes that can be caused by these inductive loads and maintain a more stable voltage level, preventing potential damage to the switch.

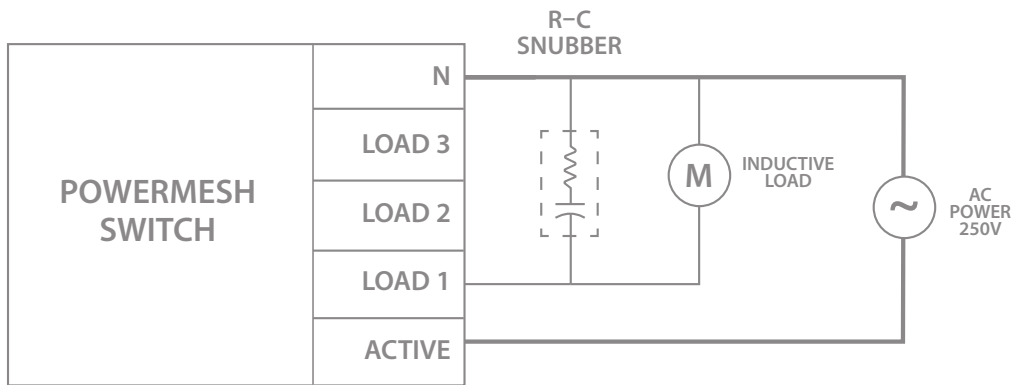
**Installation must be carried out by a Licensed Electrician compliant with local wiring regulations.
Failure to follow these instructions can result in serious injury or death.**

Specifications:

1. R-C Value: 0.1 μ f, 47 Ω 1/2 Watt (\pm 30%)
2. Max. Line Voltage: 250 V rms or 250 VDC
3. Frequency: DC to 62 Hz
4. Peak Pulse Voltage: 1200 V max.

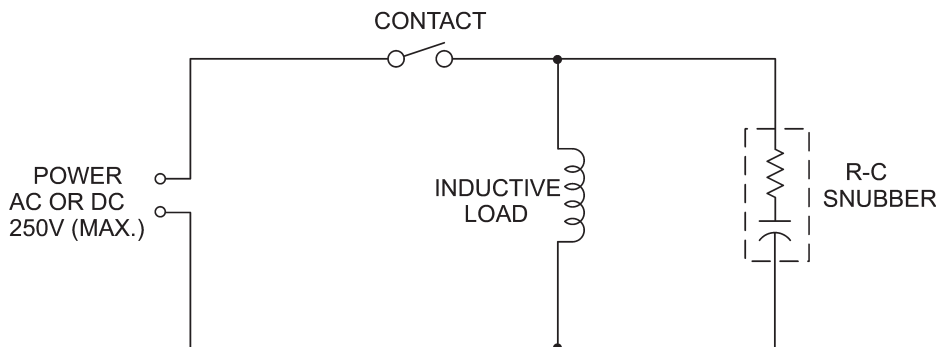
Wiring Instructions for a switch application:

Wire the snubber to the desired switch circuit channel behind the switch as per the diagram below.



Wiring Instructions for a contactor application:

The snubber should be applied as below, ie install across the coil of the contactor or the motor load.



Preferred Application

**Installation must be carried out by a Licensed Electrician compliant with local wiring regulations.
Failure to follow these instructions can result in serious injury or death.**