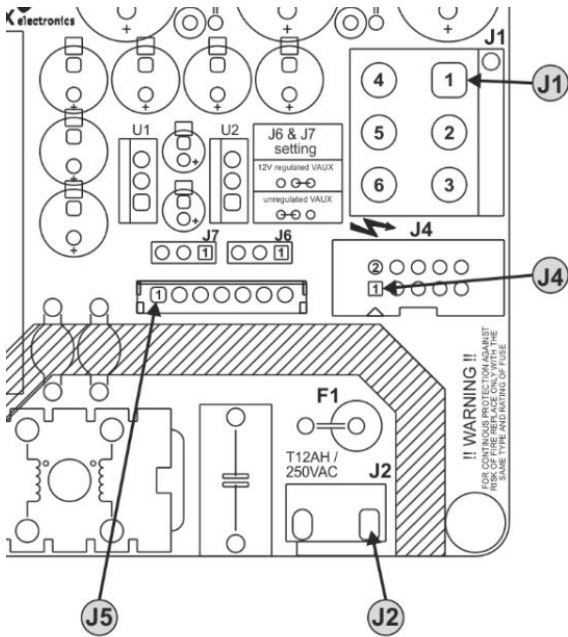
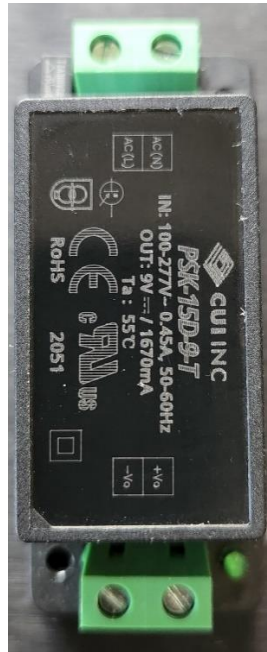


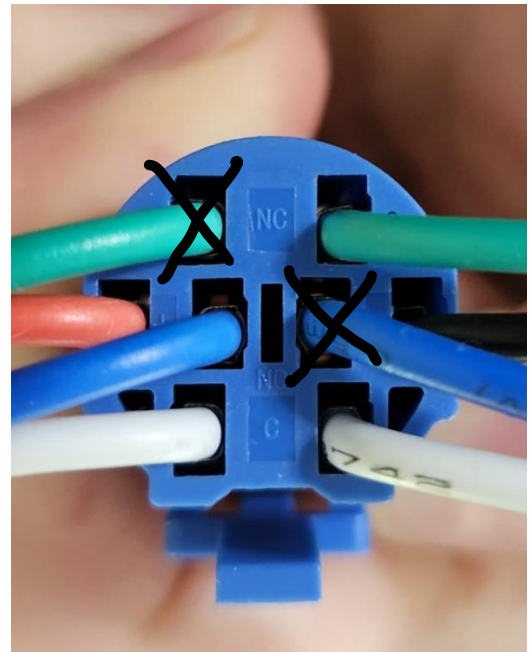
## SMSP1200A100 w/ 9V Power Supply and ON/OFF Switch Button



SMSP1200A100



CUI 9V Supply



Back Side of Button's Wiring Harness

This document describes how to wire the SMSP1200A100 to the ON/OFF button and CUI 9V power supply for proper soft-start operation.

Note that the switch has two sets of contacts and the wires for the light (LED).

### Connections:

- The green wire from the left side of contacts and the blue wire from the right side of contacts are not used.
- The AC(N) and AC(L) on the 9V power supply gets wired in parallel to the SMSP1200A100 AC input on J2.
- Connect the blue wire from left and the red wire together.
- Connect the white wire from the left side +Vo on CUI 9V power supply.
- Connect the green wire from the right side to +Vo on the CUI 9V supply.
- Connect the white wire from the right side to J5 pin 1 on SMSP1200A100.
- Connect the black wire from the right side to -Vo on CUI 9V supply.
- Connect J5 pin 5 from SMSP1200A100 to -Vo on CUI 9V supply.

**NOTE:** When plugging the wiring harness into the button ensure it goes in the right way.

### How it works:

When the button is not pressed the LED is wired through a normally open (NO) contact to 9V power supply. Hence when the button is not pressed the LED is off. When the button is pressed the LED turns on.

When the button is not pressed the 9V power supply is wired to the shutdown input of SMSP1200A100 on J5 pin 1 through a normally closed (NC) contact. When 9V is present on pin 1 of J5 the SMSP1200A100 is off. When you press the button the 9V is taken away from the pin 1 of J5 and SMSP1200A100 starts to turn on with its internal soft start.