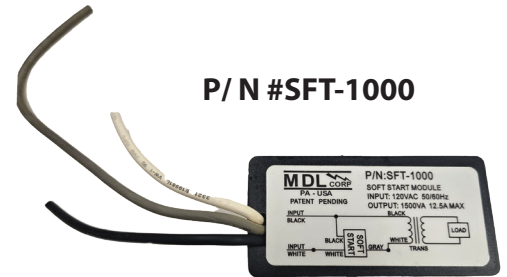


CAST Single Thermistor Retrofit for CAST Transformers (Master Series) (CTRIPFIX1)

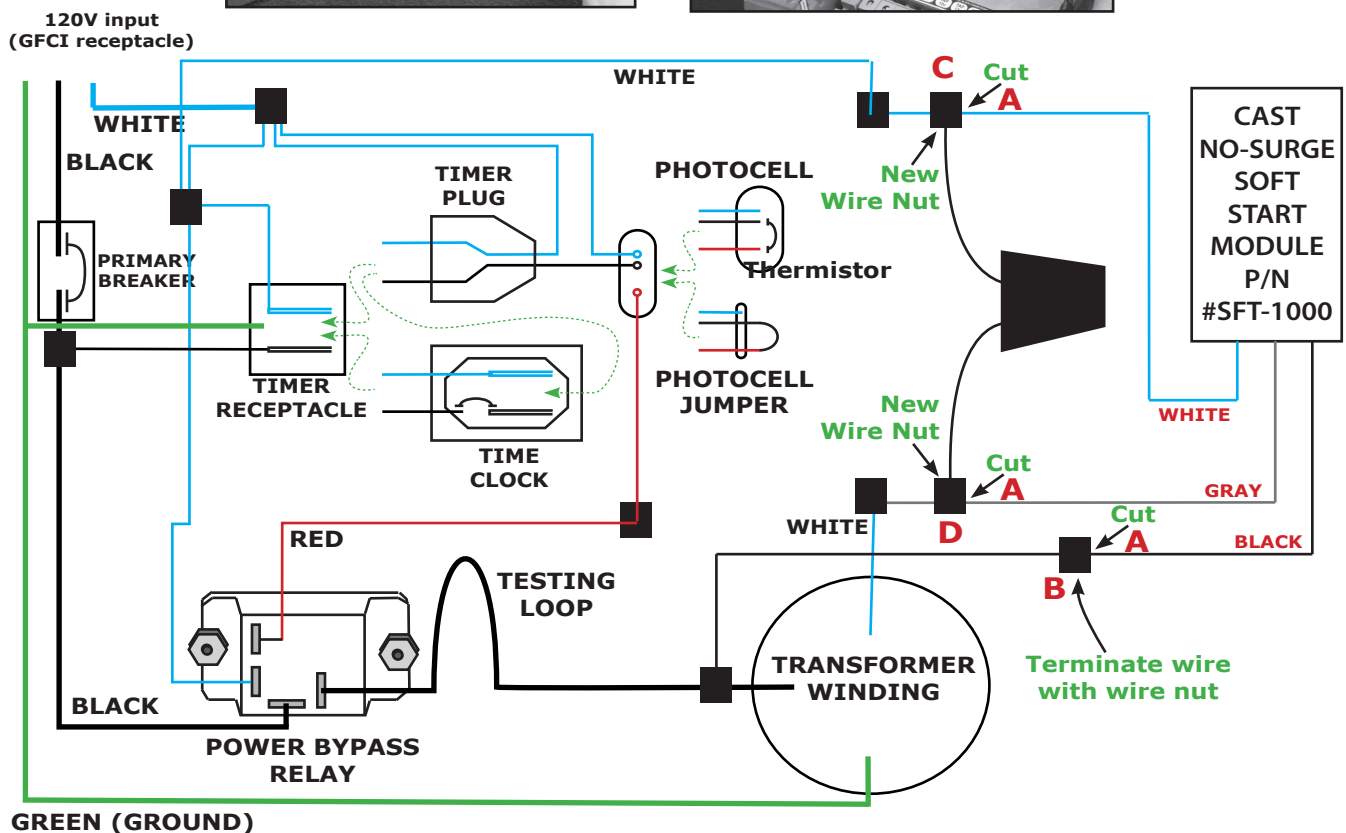
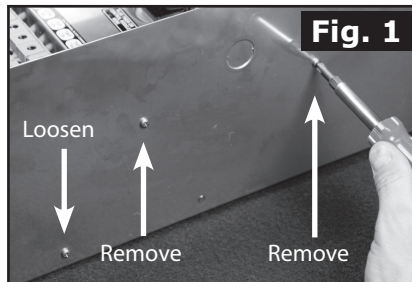
Introduction

The following instructions should be followed to replace the CAST No-Surge Soft-Start Unit. The addition of one thermistor in this series will effectively eliminate primary nuisance tripping.



Instructions (See CAUTION below.)

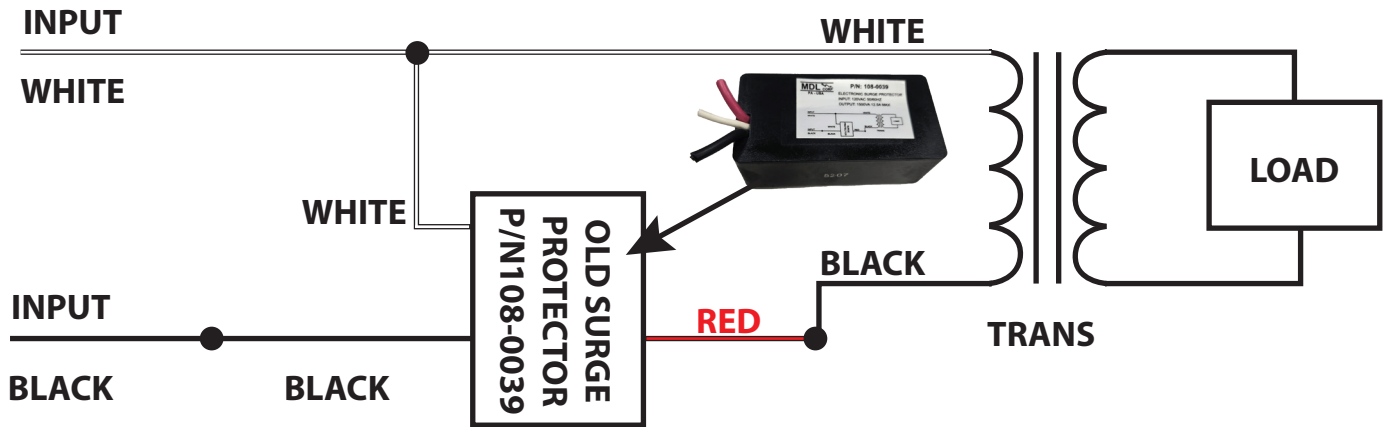
1. Unplug transformer from 120V outlet.
2. Remove outer transformer lid.
3. Remove two screws from each side of the transformer housing and loosen the third screw. (See Figure 1)
4. If the side knockouts have plastic inserts, remove them. Grasp test loop and pull downward and outward to expose inner transformer compartment. (See Figure 2)
5. Locate soft-start unit and cut white, gray, and black lead wires (A) then remove soft-start unit.
6. Using wire nut, cap-off and tape cut black wire (B).
7. Attach on thermistor lead to the cut white wire (C) with a wire nut and electrical tape insulation.
8. Attach the other thermistor lead to the cut gray wire (D) with a wire nut and electrical tape insulation.
9. Close and secure compartment panel.



⚠ CAUTION: Unplug the transformer from the 120V outlet **BEFORE** opening the internal transformer compartment. 120V conductors are exposed during this replacement procedure. Utilize an electrician if statutes, regulations, or codes require you to do so.

Instructions for Replacing an Electronic Surge Protector (P/N #108-0039) with a Thermistor Surge Protector

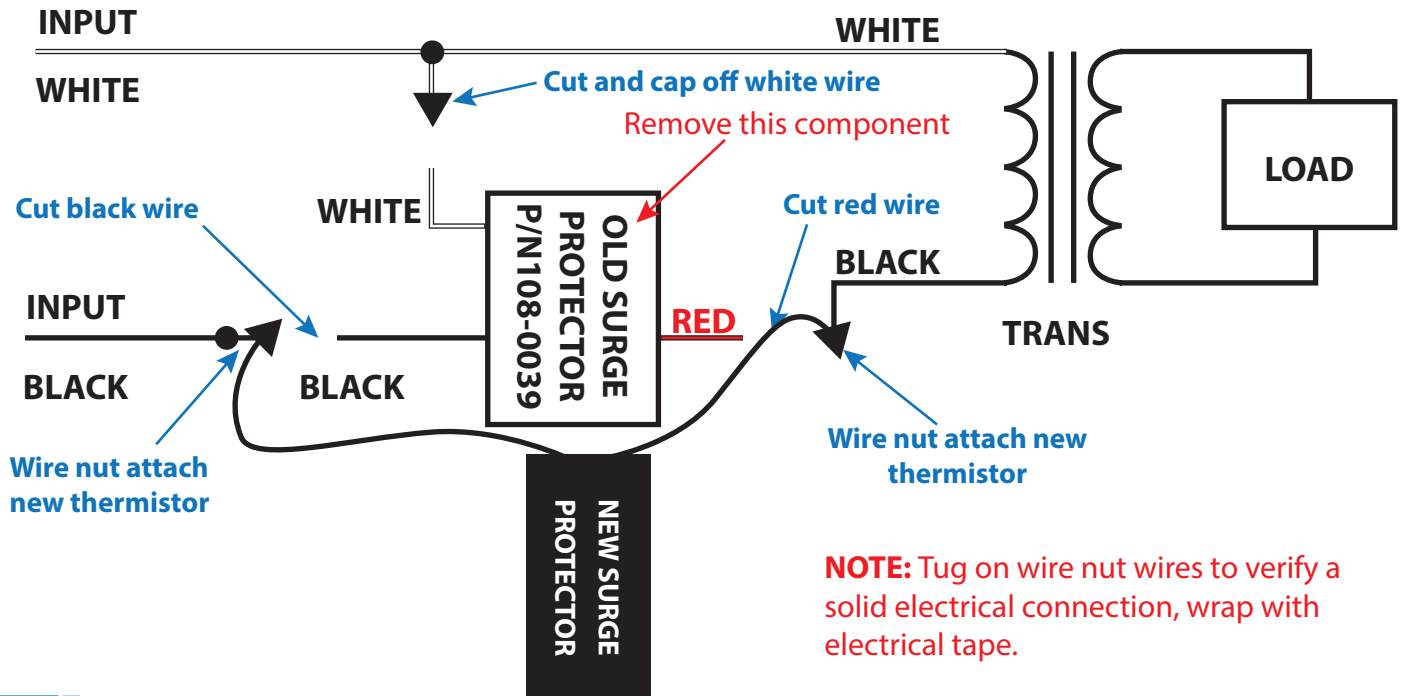
Existing Wiring:



Notes:

1. Power supply must be unplugged from outlet when you perform this replacement, we don't want you getting electrocuted!
2. Thermistor is designed to absorb initial inrush when power supply turns on at night. Do not cycle on-off-on-off. It reduces the thermistor's life and cannot absorb the second inrush until it cools down, which takes 15-20 minutes.
3. While cabinet is open and detached from 120V power, inspect the inside where you are working to determine that all the connections are snug and nothing has come undone/loose during this procedure.
4. Reattach/screw back together inner faceplate prior to powering up the transformer.

To Replace:



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