



General Information

The capacitor trip relay is designed for 120 VAC. It can be used with undervoltage or shunt trip. When capacitor is fully charged the CR relay will energize and indicating light will illuminate. This is a voltage doubling circuit.

Specifications

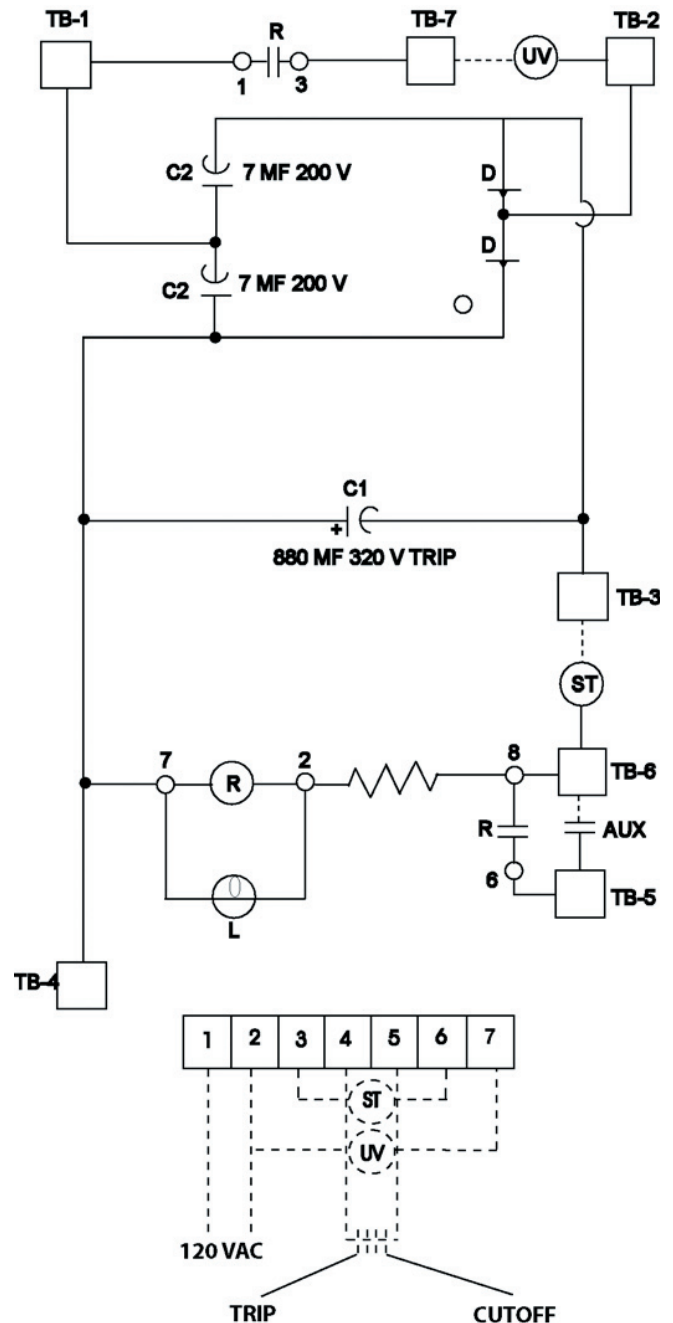
Input Voltage: 120 VAC

Trip Contacts: 10 Amps at 240 VAC

Resistive

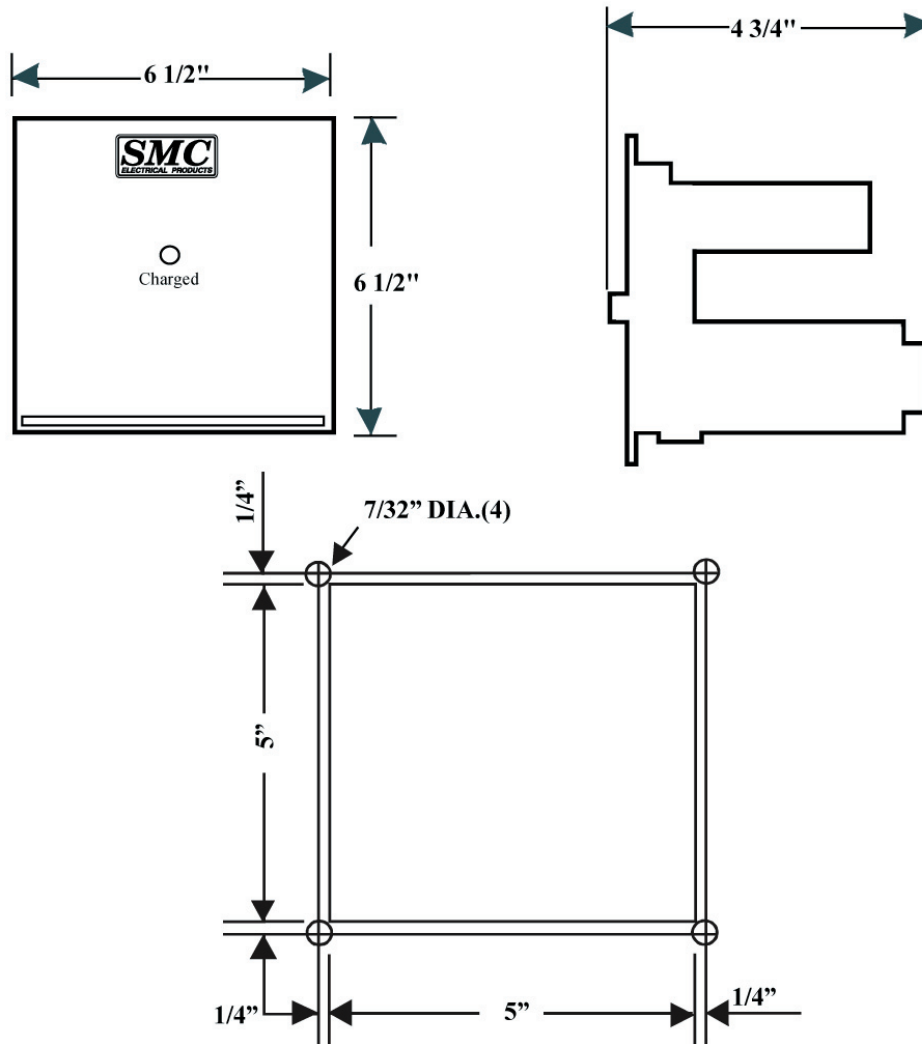
Outout Voltage: 320 VDC

Schematic Diagram



Outline Dimensions

No unauthorized modification to Capacitor Trip Devices.



SMC Capacitor Trip Reference Matrix

| Part # | Input Voltage | Output Voltage | Shunt Trip with Safety Power-up | Shunt Trip without Safety Power-up | Shunt Trip and Under Voltage | Shunt Trip and Under Voltage with Safety Power-up |
|------------|---------------|----------------|---------------------------------|------------------------------------|------------------------------|---|
| D-4005-1 | 120 VAC | 150 VDC | | X | | |
| D-4005-1A | 120 VAC | 150 VDC | | | X | |
| D-4005-2 | 240 VAC | 300 VDC | | X | | |
| D-4005-2A | 240 VAC | 300 VDC | | | X | |
| D-4005-3 | 120 VAC | 240 VDC | | | X | |
| D-4005-4 | 120 VAC | 320 VDC | | | X | |
| D-4005-4M | 120 VAC | 320 VDC | **X | | | |
| D-4005-4M1 | 120 VAC | 320 VDC | | X | | |
| D4005-TC | 120 VAC | 320 VDC | | | | X |

** Safety power-up circuit provides power to the shunt-trip solenoid before the capacitor is fully charged.