

To adjust the trip current on a SDC-100, remove the back cover of the controller. R25 is located beside relay one. It is a 223 surface mount resistor and is labeled as R25. The end of the resistor, just above the 5, requires ground potential to access the menu. A screwdriver can serve as the grounding instrument. The tip of the screwdriver placed above the 5, on the end of the resistor, with the shaft of the screwdriver touching the case, will allow proper grounding. While holding the screwdriver in this position, push the on/off button to the "on" position. Lift the screwdriver from the circuit board, and view the display. The display should read "C75", (factory preset), which represents the trip current. (75 would be 3/4 of an amp.) If the display doesn't read "C75", repeat the process for grounding R25. If the display does read "C75", or "C-something", use the up or down button to adjust the trip current to the desired setting. The incrementation of the trip current is in steps of 5. If "EEEE" is visible on the display, increasing the trip current to "C100", up to "C150", will normally solve this issue. If this doesn't solve the issue, it may be an indication of a more serious condition.

Remember, each time you ground R25, you will proceed to the next menu. 1st: C-trip current. 2nd: d20 (should stay) 3rd: UP/for setting up button.