OPERATION MANUAL - MICRO TEST 850

Testing Precautions

Before starting to test any relay on equipment in service, the person testing should be familiar with the relays and the circuits involved.

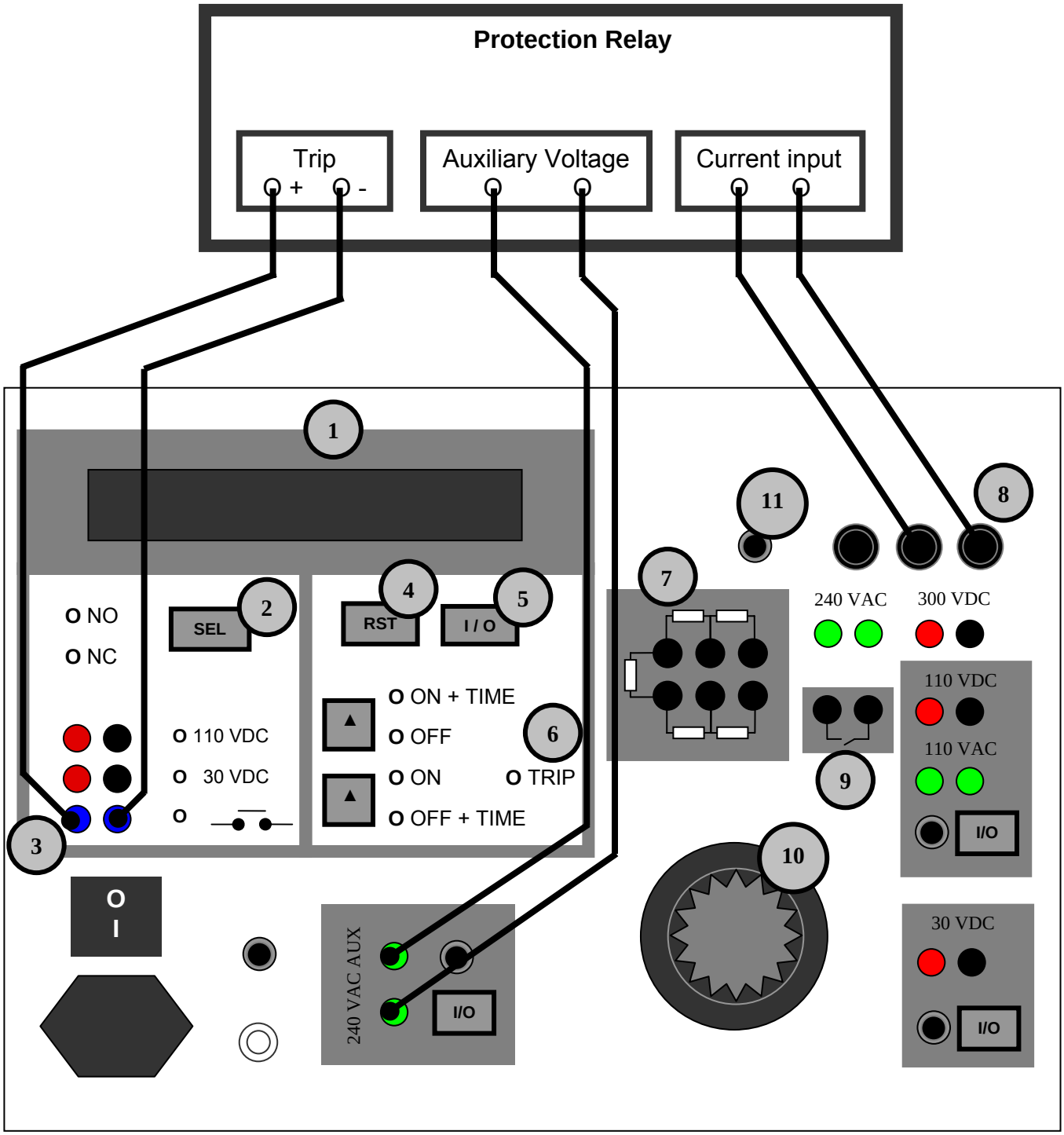
Visual Inspection - Relay

A visual inspection of the relay cover can reveal valuable information. Excessive dust, dirt or metallic material deposited on the cover should be noted and removed, thus preventing such material from entering the relay when the cover is removed.
Voltage and current supplied to the relay should be checked and compared with the nameplate or instruction book ratings. Should evidence of overheating be found, the insulation should be checked for embrittlement and, where necessary, replaced.

Test Procedures

1. Connect the **Micro Test 850** to the relay as shown in the diagram on the next page.
2. Ensure that the **Micro Test 850** is selected to – OFF, before starting any test.
3. Connect stop conditions to the appropriate channels - dry or wet contact.
4. Press button – SEL, to select relay status.
   NO – Normally Open or NC – Normally Close.
5. Turn on the **Mirco Test 850** output by selecting - ON.
6. Increase the current until tripping occurs.
7. Decrease the current until reset occurs (I >).
8. Increase the current to 1.X times I > value.
9. Press button – RST, to reset the timer and select OFF to turn off the Microtest 850 output.
10. Turn on the Microtest 850 output by selecting - ON + TIME, this output will remain until the protective relay equipment operates.
11. The function times are noted on the LCD display.

* The following document should only be used as a guide and can no way be held responsible for the actions of the user.



1. Display
2. NO / NC Selector
3. Timer Inputs
4. Timer Reset
5. ON / OFF Timer Switch
6. Trip Indicator
7. Resistor Set
8. Current Source
9. Switch
10. Variable Knob
11. Reset Fuses