

PROTECTOFIER COMPONENT TESTER OPERATING INSTRUCTIONS

1. Component Tester is furnished with SS100A FLAME-PAK and ACF Relay in known working condition.
2. Connect Component Tester line cord to a 120V, 60Hz power source. "Power On" light comes on.
3. Prior to testing any component check operation of Component Tester as follows:
 - a) Press and hold "Test" button on Component Tester chassis. This simulates a flame signal.
 - 1) ACF Relay will be energized.
 - 2) Each of the three red indicator lights will "blink" as the relay contacts transfer. (Each indicator light is connected across a set of relay contacts.)
 - b) Release "Test" button. Within 2 to 4 seconds the ACF Relay will be de-energized and the indicator lights will again "blink" as the relay contacts transfer back to their de-energized position.
 - c) After satisfactory completion of Component Tester operational check, the Component Tester is ready to test PROTECTOFIER components.

CAUTION:

1. Disconnect power to Component Tester before interchanging components or connecting P-C II U-V Scanner wires to Component Tester.
2. Use of FLAME-PAK/RELAY Removal Tool is recommended when interchanging FLAME-PAK or ACF Relay to avoid damage to either component.

To Test ACF Relay

1. Remove existing ACF Relay and insert ACF Relay to be tested.
2. Repeat procedure outlined in step 3 above.

To Test SS100A FLAME-PAK Assembly

1. Remove existing FLAME-PAK and insert FLAME-PAK to be tested.
2. Repeat procedure outlined in step 3 above.

NOTE:

When testing SS108A FLAME-PAK, the ACF Relay will be de-energized in approximately 0.8 seconds following release of "Test" button.

To Test P-C II Ultra-Violet Scanner (P-C II, P-C II W or P-C II WRA)

1. After operational check of tester has been made, connect purple wire of the scanner to the "U-V" terminal and connect yellow wire to the "G" terminal.
2. Expose the P-C II Scanner to a U-V source such as a candle or a match. If the scanner under test is in operating condition the ACF Relay will be energized and the three red indicator lights will "blink" as the relay contacts transfer.
3. Block the U-V source from the scanner. The ACF Relay will be de-energized within 2 to 4 seconds after the scanner is no longer exposed to the U-V source.



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