



# AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

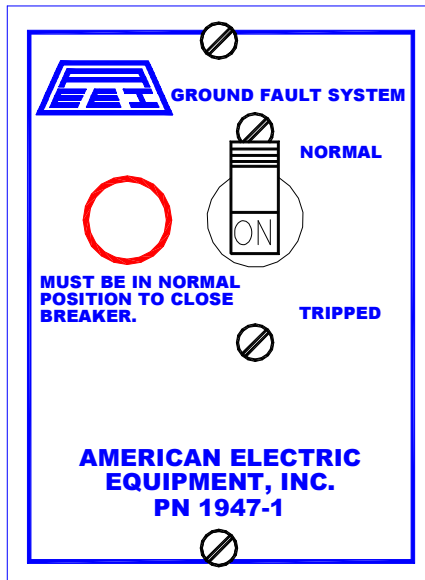
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## 1947-1 GROUND FAULT FOR SHUNT TRIP CIRCUIT

Document A-8806

JULY 12, 2006



### Description

The 1947-1 GROUND FAULT SYSTEM provides 120 VAC SHUNT TRIP power. 120 VAC is present when the indicator is in the TRIPPED position.

### Operation

Connect ground fault as shown on drawing and set the ground fault indicator to the NORMAL position.

\*When power is applied to the ground fault device the SHUNT TRIP terminals will not have 120 VAC.

When a ground fault is sensed by a zero sequence CT the indicator will move to the TRIPPED position.

### Testing

The GROUND FAULT TEST pushbutton can be used to test the ground fault without disconnecting wires.

GROUND FAULT TEST passes a test current of approximately 2.5 amps 4 times through the CT core to simulate a ground fault condition. This test will completely test the 1947-1 ground fault circuit including all CT connections. This test does not check grounding resistor integrity

### Features

- ✓ No adjustments are required to place into operation
- ✓ Harsh environment operation; no sensitive electronic components to fail
- ✓ Optimized for use on 15 A or 25 A resistance grounded systems
- ✓ Direct replacement for many trip devices
- ✓ Test pushbutton
- ✓ Latched Fault indication

### ORDERING INFORMATION

GROUND FAULT PART NUMBER: B-1947-1

CT WITH 2" WINDOW PART NUMBER: A-2550

CT WITH 3" WINDOW PART NUMBER: A-3858

AIR-PAX BREAKER: A-1779-1

N.O. PUSHBUTTON A-1349-1

47 OHM 5 WATT RESISTOR: A-1916

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