



AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

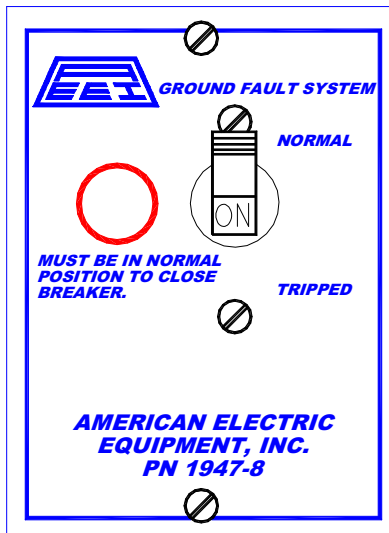
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1947-8 GROUND FAULT FOR UVR CIRCUIT

Document A-13154

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Description

The 1947-8 GROUND FAULT SYSTEM provides sensing for Zero Sequence Ground Fault Protection.

Operation

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

*When power is applied to the ground fault device the UVR terminals will have 120 VAC present. This power is present when the indicator is in the NORMAL position.

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 3 times through the CT core and simulates a ground fault condition. This test will completely test the 1947-8 ground fault circuit including all CT connections. This test does not check grounding resistor integrity

ORDERING INFORMATION

GROUND FAULT PART NUMBER: B-1947-8

CT WITH RC FILTER NETWORK
PART NUMBER: A-10818

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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
- ✓ Has RC filter network for use on VFD drive loads

