



AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

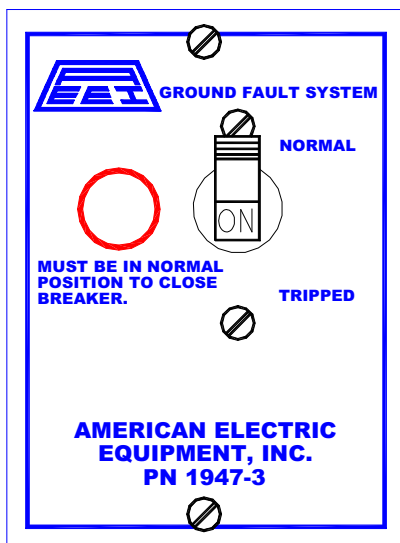
PHONE: 304-255-7438

FAX: 304-255-7448

1947-3 GROUND FAULT
ALL CONTACTS WIRE TO TERMINAL BOARD
FOR USE WITH EITHER UVR OR SHUNT TRIP

Document A-8808

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Description

The 1947-3 GROUND FAULT SYSTEM provides 120 VAC UVR or SHUNT TRIP power.

When the indicator is in the NORMAL position 120 VAC is present on terminals A & E for an UNDER VOLTAGE RELEASE device.

When the indicator is in the TRIPPED position 120 VAC is present on terminals C & E for a SHUNT TRIP device.

Operation

Connect ground fault as shown on drawing and set the ground fault indicator to 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 4 times through the CT core to simulate a ground fault condition. This test will completely test the 1947-3 ground fault circuit including all CT connections. This test does not check grounding resistor integrity.

ORDERING INFORMATION

GROUND FAULT PART NUMBER: B-1947-3

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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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

