



AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

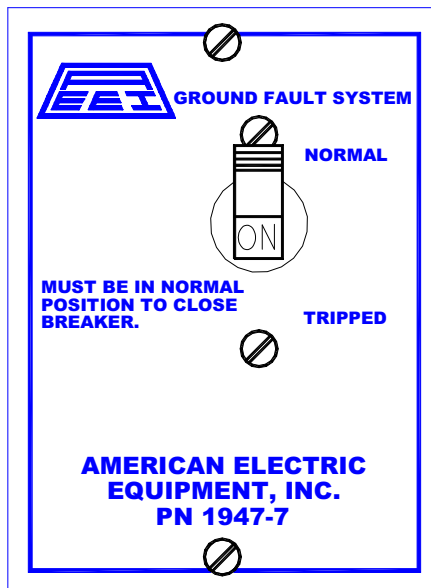
PHONE: 304-255-7438

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1947-7 GROUND FAULT 120 VOLT POTENTIAL TYPE

Document A-8811

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Description

The 1947-7 GROUND FAULT SYSTEM provides form C contacts to be used to trip circuits in the event of a backup ground fault.

When the indicator is in the NORMAL position terminals 3 & 4 are closed and terminals 3 & 5 are open.

When the indicator is in the TRIPPED position terminals 3 & 4 are open and terminals 3 & 5 are closed.

Operation

Connect ground fault as shown on drawing.
Set the ground fault indicator to the NORMAL position.
Factory default time setting is 1.5 seconds.

When the voltage sensed across the PT is above 26 volts the indicator will move to the TRIPPED position after the set time delay.

ORDERING INFORMATION

GROUND FAULT PART NUMBER: B-1947-7

AIR-PAX BREAKER: A-1779

EXTERNAL ADJ SOLID STATE TIMER: A-3325-1

5 POLE TERMINAL BLOCK: A-1494-5

500 OHM 50 WATT RESISTOR: A-4266-B14

100 OHM 50 WATT RESISTOR: A-4266-C8

½ WATT 5 MEG POT: A-3325-2

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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
- ✓ Latched Fault indication
- ✓ Wires directly across a PT 120 VAC output
- ✓ Trips on a ground fault condition even in the event of an open grounding resistor
- ✓ Has an adjustable time delay of 0-3 seconds

AMERICAN ELECTRIC
 GROUND FAULT
 120 VAC POTENTIAL TYPE
 1947-7

TERMINAL
 CONNECTIONS

