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Phone: (877) 544-2291

# IGFR-3

Ground Fault Relay

Part Number: 1100-0103



## IGFR-3 Ground Fault Relay

The IGFR-3 Ground Fault Relay (GFR) detects zero-sequence ground fault currents, and it is designed to trip at less than 5 amps, using a compatible Current Transformer (CT).

A circuit breaker on the IGFR-3 trips when a ground fault above the threshold is detected. The circuit breaker is used as an indicator, and it also provides NO and NC auxiliary contacts for use with under-voltage or shunt trip breakers.

Once tripped, the circuit breaker remains in the tripped position until manually reset.

The IGFR-3 features a test button to verify proper operation of both the circuit breaker and the current transformer.

A 120VAC supply voltage is required.

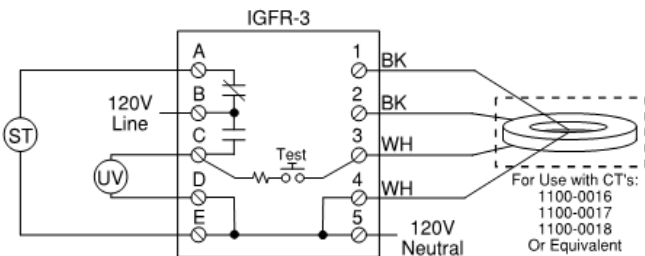
## Features:

- Circuit Breaker trip Indication
- Manual reset
- Test button to verify circuit breaker & current transformer
- Under-voltage and shunt-trip operation
- Trips at under 5A

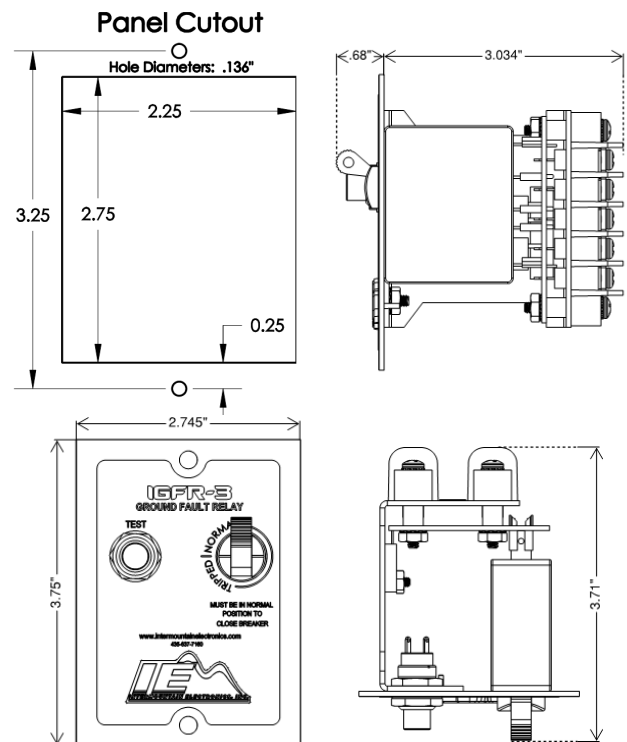
## Specifications:

- Trip contacts (NC, NO): 3A/120VAC
- Input voltage: 120VAC
- Use with current transformers:
  - 1100-0016 (2" ID)
  - 1100-0017 (2" ID, w/ mounting bracket)
  - 1100-0018 (3" ID)
  - (Or equivalent)
- For use in systems with ground currents limited to 25A maximum (when using CTs above)

## Connection Diagram:



## Mechanical Characteristics and Panel Cutout:



## Rear/Front Panel:

