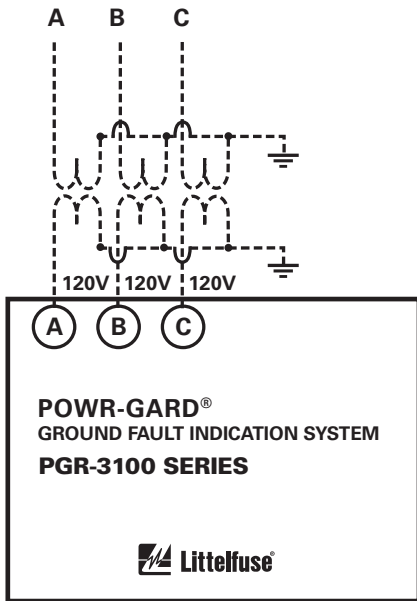


PGR-3100 SERIES

Ground-Fault Indication System



Description

The PGR-3100 indicates the presence of voltage on each phase of a three-phase system. The LEDs in the panel light up when voltage is present. When a ground-fault occurs, the voltage on the faulted phase reduces to ground potential, causing the LEDs for the faulted phase to dim and the LEDs for the unfaulted phases to become brighter.

Applications

Ungrounded ac systems are required by the National Electrical Code (NEC®) Article 250.21(B) to have ground detectors installed on the system. External potential transformers (PTs) can be used to step down system voltage, allowing the PGR-3100 to be applied to any system voltage. Voltage inputs do not require PTs for system voltages up to 240 Vac.

Features/Benefits

- Meets National Electrical Code (NEC®) Article 250.21(B) requirements for ungrounded systems
- Indicates presence of a ground fault and the faulted phase
- Lamp Test push button to verify proper operation
- Redundant long-life LEDs (two per phase) for reliability

Ordering Information

PGR-3100	Panel Mount
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Specifications

IEEE Device Numbers	27, 64
Input Voltage	Up to 240 Vac 50/60 Hz
Indicator Off Voltage	< 30 Vac line to ground
Dimensions	H 108 mm (4.3"); W 88.9 mm (3.5"); D 54 mm (2.1")
Test Button	Standard
Conformally Coated	Optional
Warranty	5 Year
Mounting	Panel