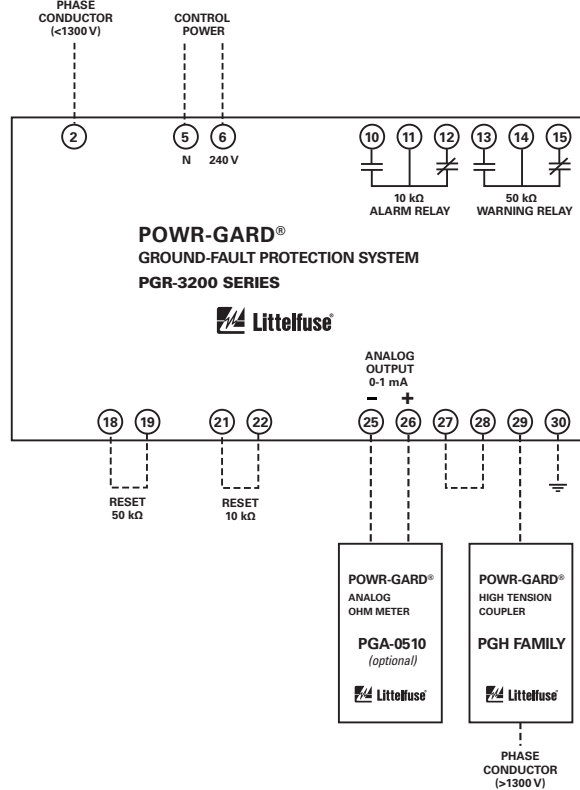


PGR-3200 SERIES

Ground-Fault Protection System



Description

The PGR-3200 continuously monitors the insulation integrity of ungrounded electrical systems for ground faults. The relay provides two warnings for predictive purposes and one alarm.

When the power system is de-energized, the relay monitors the insulation for damage, providing predictive maintenance and troubleshooting for developing ground faults.

When the power system is energized, the relay monitors the system for ground faults and provides warnings as well as an alarm.

Applications

The units operate on ungrounded systems up to 6 kV, 1-phase or 3-phase, 50 or 60 Hz. The relay can be directly connected to power systems up to 1,300 V. Higher voltage requires a pre-calibrated high tension coupler (PGH) connected between the phase conductor and the relay.

Features/Benefits

- Meets National Electrical Code (NEC®) Article 250.21(B) requirements for ungrounded systems
- Provides 2 warnings at different levels (30 kΩ and 50 kΩ) and 1 alarm (10 kΩ)
- Analog output and optional meter (PGA-0510)
- DIN-rail or surface mount for ease of installation

Ordering Information

PGR-3200	240 Vac Control Power
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Specifications

IEEE Device Numbers	27, 64
Input Voltage	240 Vac, 50–60 Hz
Dimensions	H 99.7 mm (3.9"); W 75 mm (3"); D 110 mm (4.3")
Resistance Ratings	Insulation warning (30 kΩ and 50 kΩ) Insulation alarm (10 kΩ)
Contact Operating Mode	Non-fail-safe
Test Button	Standard
Reset Button	Standard
Relay Contacts	N.O and N.C. (warning and alarm)
Communications	Analog Output
Conformally Coated	Optional
Warranty	5 Year
Mounting	DIN, Surface

See pg. 31-36 for Current Transformer Selection Guide and Accessory Information.