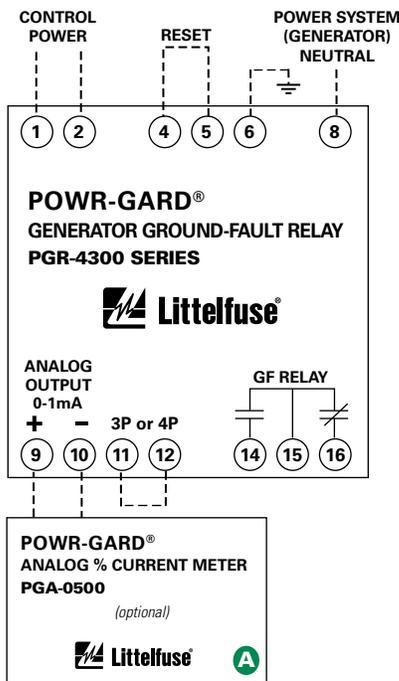


# PGR-4300 SERIES (GFA300)

## Generator Ground-Fault Relay



### Wiring Diagram



### Ordering Information

CATALOG/SYSTEM NUMBER	CONTROL POWER
PGR-4300-12	12 Vdc
PGR-4300-24	24 Vdc
PGR-4300-120	120 Vac

ACCESSORIES	REQUIREMENT	PAGE
PGA-0500	Optional	41

Note: For optional conformal coating please consult factory.

### Description

The PGR-4300 Generator Ground-Fault Relay provides a simple method for detecting a ground-fault condition on generators without the need for current transformers (CTs). This greatly simplifies the installation. In addition, it is compatible with both three- and four-pole transfer switches. This relay also monitors the neutral-to-ground path for continuity. The PGR-4300 is ideal for any gen-set or application where there is not sufficient space to install CTs.

### Features & Benefits

FEATURES	BENEFITS
<b>No CTs Required</b>	Saves space and simplifies installation. Use with 3-pole or 4-pole transfer switches
<b>Adjustable Pickup (100–1200 A)</b>	Adjustable trip setting provides a wide range of protection and system coordination
<b>Adjustable Time Delay (0–1.0 s)</b>	Adjustable trip delay allows quick protection and system coordination
<b>Output Contacts</b>	Form C ground-fault output contacts for alarming or tripping purposes or control system
<b>Analog Output (0–1 mA)</b>	Provides means for connecting an optional meter (PGA-0500) or control system
<b>N-G Alarm</b>	Monitors neutral-to-ground integrity and alarm if ground path becomes open circuit
<b>Harmonic Filtering</b>	Eliminates nuisance tripping

### Accessories



**PGA-0500 Analog % Current Meter**  
Optional panel-mounted analog meter displays ground-fault current as a percentage of the set-point.

### Specifications

<b>IEEE Device Numbers</b>	Ground fault (50G/N, 51G/N)
<b>Input Voltage</b>	See ordering information
<b>Dimensions</b>	H 75 mm (3.0"); W 55 mm (2.2"); D 115 mm (4.5")
<b>Trip Level Settings</b>	100–1200 A
<b>Trip Time Delay Settings</b>	0–1.0 s
<b>Contact Operating Mode</b>	Non-fail-safe
<b>Test Button</b>	Standard feature
<b>Reset Button</b>	Standard feature
<b>Output Contacts</b>	Form C
<b>Approvals</b>	UL listed
<b>Communications</b>	Analog output
<b>Conformally Coated</b>	Consult factory
<b>Warranty</b>	5 years
<b>Mounting</b>	DIN, Surface (standard) Panel (with PGK-0055 or PGK-0060 adapter)