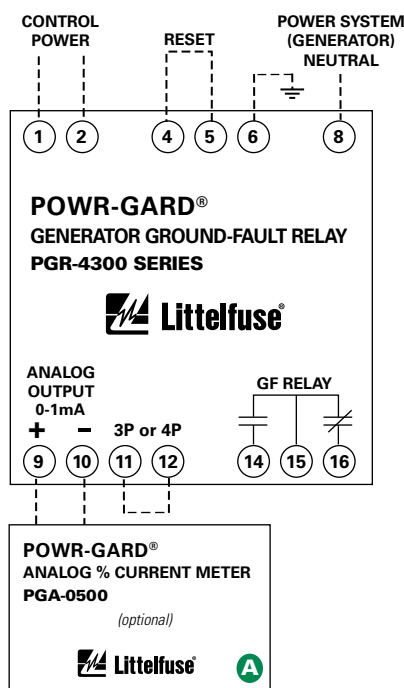


PGR-4300 SERIES (GFA300)

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

Accessories

A



PGA-0500 Analog % Current Meter

Optional panel-mounted analog meter displays ground-fault current as a percentage of the set-point.

Specifications

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

[PGR-4300-12](#) [PGR-4300-120](#) [PGR-4300-24](#)