PGR-4300 SERIES (GFA300)

Generator Ground-Fault Relay

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 generator or application where there is not sufficient space to install CTs.

Features & Benefits

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<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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<tbody>
<tr>
<td>No CTs required</td>
<td>Saves space and simplifies installation</td>
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<tr>
<td>Adjustable pickup (100-1200 A)</td>
<td>Adjustable trip setting provides a wide range of protection and allows system coordination</td>
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<td>Adjustable time delay (0-1.0 s)</td>
<td>Adjustable trip delay allows quick protection and system coordination</td>
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<td>Output contacts</td>
<td>Form C ground-fault output contacts for alarming or tripping purposes</td>
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<td>Analog output (0-1 mA)</td>
<td>Provides means for connecting to an optional meter (PGA-0500) or control system</td>
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<td>N-G continuity alarm</td>
<td>Monitors neutral-to-ground integrity and alarms if ground path becomes open circuit</td>
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<td>Passive filtering</td>
<td>Eliminates nuisance tripping</td>
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Accessories

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: Local
- Reset Button: Local and remote
- Output Contacts: Form C
- Analog Output: 0-1 mA
- Conformally Coated: Consult factory
- Approvals: UL Listed (E183688)
- Warranty: 5 years
- Mounting: DIN, Surface (standard) Panel (with PMA-55 or PMA-60 adapter)

Note: For optional conformal coating please consult factory.