

TRANSFORMER DIFFERENTIAL RELAY SELECTION GUIDE P652 BROCHURE

Generator Protection

GE's Range of generator Protection relays provide Extensive functionality to provide complete protection and control, with five models for a wide range of applications, covering most installations from small generators up to sophisticated systems including generator-transformer applications.

Comprehensive Protection

- Comprehensive generator protection including generator/transformer differential protection
- 100% stator ground fault protection via a 3rd harmonic measurement or low frequency injection techniques (depending on model)
- 3 phase tripping with faulted phase indication

Advanced Communications

- Redundant Ethernet capabilities supporting IEC 62439-3 PRP and HSR allowing bumpless redundancy
- Industry standard communication protocols including: IEC 61850, DNP 3.0, IEC 60870-5-103, Modbus, and Courier/K-Bus
- Modulated or demodulated IRIG-B or SNTP protocol for time synchronization

Ease-of-Use

- Programmable scheme logic via powerful S1 Agile configuration for simplified setup
- Advanced monitoring features including circuit breaker state and condition monitoring through fault monitoring, reducing costs associated with unplanned maintenance

