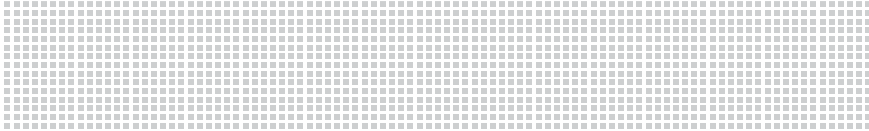




PROTECTION RELAYS, CONTROLS AND SYSTEMS



Expertise Applied | Answers Delivered

A Full Range of **PROTECTION RELAYS, CONTROLS & S**

GENERATOR PROTECTION & CONTROL ▶

Our line of generator protection and control equipment offers synchronizing, frequency control, load sharing, power management, engine control and more for marine, emergency or power generation applications.



ENGINE CONTROL & MONITORING ▶

These monitors can be configured from the front panel, a PC, or via an SD card, and support both digital and analog sensor inputs. Common alarms and shut-downs are large, user-friendly LED displays.



ALARM & ANNUNCIATOR PANELS ▶

These panels monitor instantaneous current, temperature or pressure, and include local indication, alarm and event logging.



ENGINE DIAGNOSTICS ▲

The EngineEye diagnostic unit can improve the efficiency and performance of combustion engines by measuring and analyzing the engine combustion process. It utilizes a unique handheld high-precision indicator of cylinder pressure.



GENERAL PROTECTION RELAYS

These single-function, compact and cost-efficient relays are typically used on low-voltage applications. Most are DIN-mountable, easy to operate, install and commission. The wide-range power supply for AC and DC make these relays universal.



www.littelfuse.com/protectionrelays
www.selco.com
1-800-832-3873

SYSTEMS for the Harshest Environments



GROUND-FAULT PROTECTION RELAYS

Improve the safety of workers and reduce incidents of Arc-Flash without affecting the uptime of critical operations. Sensitive ground-fault relays with advanced filtering will detect the breakdown in insulation resistance caused by moisture, vibration, chemicals and dust without nuisance trips.



RESISTANCE GROUNDING & MONITORING

Overcome many of the issues experienced with solidly-grounded and ungrounded systems. High-Resistance Grounding eliminates Arc-Flash Hazards associated with ground faults and transient overvoltages, and allows for continuous operation during a ground fault.



MOTOR & PUMP PROTECTION RELAYS

Prevent expensive damage to motors caused by overloads, jams, phase loss or unbalance, heat from non-electric sources, heavy start-ups or excessive operational cycles. Dynamic thermal curves, integrated protection, metering, and data-logging functions extend motor life and maximize process efficiency.



ARC-FLASH DETECTION

Our Arc-Flash relays can rapidly detect developing Arc-Flash incidents and send a trip signal to interrupt power before significant damage occurs.



FEEDER PROTECTION RELAYS

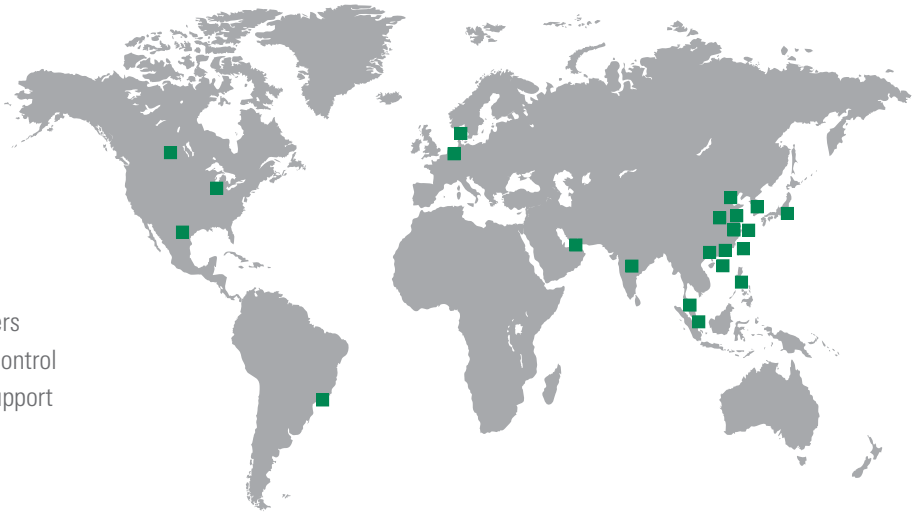
Protect feeder circuits from overcurrents, ground faults, phase loss or other detrimental conditions in critical applications and processes. They provide essential data for predictive and preventive maintenance—extending the life of equipment, enhancing safety and maximizing efficiency.



Local Resources for a **GLOBAL** Market

Littelfuse products help protect electrical equipment used in marine, mining, petrochem and general industrial applications. We offer Littelfuse Selco generator protection, controls and alarm panels as well as Littelfuse Startco protection relays and custom power centers.

For decades, we have helped OEMs, electrical installers, design engineers and end-users select the right product for their applications. Today, Littelfuse offers a broader range of products, addressing protection and control needs while still providing the same great service and support that customers have learned to expect.



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WWW.LITTELFUSE.COM/PROTECTIONRELAYS

Littelfuse products and services enhance the safety and productivity of electrical systems. Along with protection relays, generator controls and alarm systems, we offer current-limiting fuses to decrease Arc-Flash exposure, and fuse holders and fuse covers to reduce incidental contact and improve safety.

- **Generator Control and Protection**
- **Engine Control and Protection**
- **Engine Diagnostics**
- **Alarm Annunciators and Indicators**
- **Protection Relays**
- **Custom Power Centers**
- **Fuses and Fuse Holders**



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