

Littelfuse Inc.
8755 West Higgins Road, Suite 500
Chicago, Illinois 60631
p: (773) 628-1000 f: (773) 628-0802
www.littelfuse.com



Download high-res image:

http://www.littelfuse.com/data/en/Product_Photos/Littelfuse-PGR-Motor-Protection-Relays1.jpg

FOR IMMEDIATE RELEASE

Marketing Contact: Eva Jelezova
Marketing Manager, Protection Relays
Littelfuse, Inc.
Tel: 773-628-0706
ejelezova@littelfuse.com

LITTELFUSE ANNOUNCES NEW MOTOR PROTECTION RELAYS FOR LOW-VOLTAGE MOTORS

New line of POWR-GARD® motor protection relays reduces installation time, simplifies retrofits and occupies less panel space

CHICAGO, Illinois, October 20, 2010 – [Littelfuse, Inc.](http://www.littelfuse.com) announced today that it is adding three new products to its POWR-GARD Protection Relay product line, the PGR-6130, PGR-6150 and PGR-6800. The new products economically protect industrial motors and pumps from damage caused by heavy operational cycles, overloads and jams. Current transformers (CTs) are integrated into all of the new Littelfuse motor protection relays, eliminating the need for external transformers, which saves installation time, space and simplifies retrofitting.

The new motor protection products are designed to address the needs of general industrial facilities utilizing low- to medium-horsepower motors and pumps. “As organizations are now operating with leaner staffs, we see a continuing trend to reduce maintenance costs and simplify installations. At the same time, customers want increased safety and efficiency. Our new [motor protection relays](#) meet those needs by offering proven reliability and a full range of features,” said Tony Locker, P.E., Product Manager for Littelfuse Protection Relays.

According to the National Electrical Manufacturers Association (NEMA), for every 8 to 10 degrees Celsius that a motor runs above its recommended operating temperature, its life expectancy is cut in

half. Locker said, “Our motor protection relays can extend motor life by preventing overheating, which, according to NEMA, is one of the most common causes of motor failure.”

Littelfuse protection relays also prevent unscheduled shutdowns and lost productivity by detecting harmful electrical conditions before damage occurs. “Real-time monitoring is the new preventive maintenance. End users now demand products with predictive capabilities that allow them to take action before an unscheduled shutdown,” says Locker. In addition, by identifying problems in advance, protection relays improve operational safety by reducing the risk of fires, Arc-Flash incidents, and injury to personnel.

The [PGR-6130](#) relay offers advanced motor-overload protection designed for low-voltage, low-horsepower motors. This compact device with integrated current transformers replaces older style overloads and provides more reliable protection.

The [PGR-6150](#) is a standard motor-protection relay with an optional interface for remote operation that provides protection for low-voltage, low- to medium-horsepower motors. Ultra compact, these relays protect motors from overload, undercurrent, overcurrent, jam, overtemperature, phase loss, phase reverse, and phase unbalance.

The [PGR-6800](#) pump protection relay protects low-voltage, low- to medium-horsepower pumps from pump-specific functions such as undercurrent and can be used to replace and consolidate older relays and low-level sensors.

Availability

The PGR-6130, PGR-6150 and PGR-6800 motor protection relays are available from stock.

For more information

For more information on POWR-GARD® Protection Relay Products, or any of Littelfuse’s circuit protection devices, visit the Littelfuse protection relay website at www.littelfuse.com/ProtectionRelays or call our technical support line at 1-800-832-3873.

About Littelfuse

Littelfuse is the worldwide leader in circuit protection, offering the industry’s broadest and deepest portfolio of circuit protection products and solutions. Backed by industry-leading technical support, design and manufacturing expertise Littelfuse products are vital components in virtually every product that uses electrical energy, including portable and consumer electronics, automobiles, industrial equipment and telecom/datacom circuits. In addition to its Chicago, Illinois, world headquarters, Littelfuse has more than 20 sales, distribution, manufacturing and engineering facilities in the Americas, Europe and Asia. Technologies offered by Littelfuse include Technologies offered by Littelfuse include [Fuses](#), [Gas Discharge Tubes \(GDTs\)](#), [Positive Temperature Coefficient Devices \(PTCs\)](#), [Protection Relays](#), [PulseGuard® ESD Suppressors](#), [SIDACTor® Devices](#), [Silicon Protection Arrays\(SPA™\)](#), [Switching Thyristors](#), [TVS Diodes](#) and [Varistors](#).

For more information, please visit www.littelfuse.com

###