MOTOR PROTECTION RETROFITS

PGR-6210 AND PGR-6310 SERIES

Motor Protection Retrofit Kits
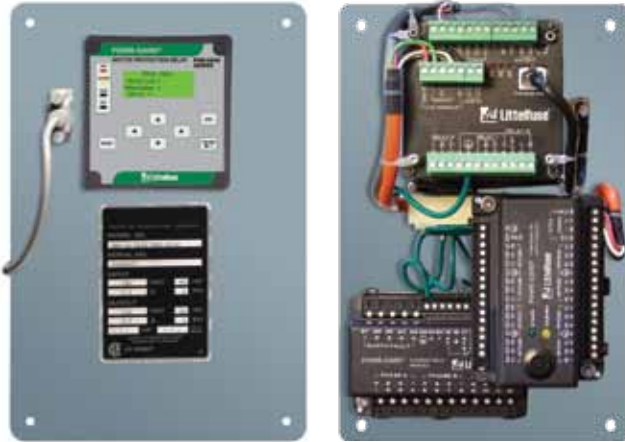
❶ PGR-6210

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❷ PGR-6310

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Description

Littelfuse POWR-GARD retrofit kits are an excellent choice for upgrading motor protection, providing current- and temperature-based protection, metering, and data logging.

❶ PGR-6210

The PGR-6210 Motor Protection Retrofit Kit is designed to replace GE Multilin 169, 269, and 369 relays. It includes the PGR-6200 Motor Protection Relay, PGA-0CIM Current Input Module, and optional PGA-0120 Temperature Input Modules, which are pre-wired on a panel. The kit fits in the existing space and typically can utilize existing current transformers and wiring to simplify the upgrade procedure.

❷ PGR-6310

The PGR-6310 Motor Protection Kit replaces the GE Multilin 469 relay. It includes the PGR-6300 Motor Protection System and optional RTD and differential modules pre-wired on a panel that can be installed in the existing 469 cutout. Existing current transformer and wiring can be utilized, simplifying the upgrade procedure.

Features & Benefits

FEATURES	BENEFITS
Mounting	Fits in existing mounting holes and panel openings
Quick Installation	Existing CTs and RTDs can be used to reduce installation time
Factory Tested	100% factory-tested, pre-assembled components ensure reliability
Communications	Add communications capability to older switchgear and improve system performance
Microprocessor Based	No calibration required saves on maintenance cost
Reduced Overcurrent Mode	Maintenance mode setting to reduce the risk of Arc-Flash Hazards
Conformal Coating	Protects circuit boards against corrosion and moisture
Additional Protection	Additional protective functions, including dynamic thermal model and ability to match existing overcurrent curves

PGR-6210 Ordering Information

		MODULE	COMMUNICATIONS
PGR–6210	–	X	X
		0 = None	0 = RS-232
		1 = PGA-0120 RTD Module	1 = RS-232 & RS-485
			2 = RS-232 & DeviceNet™
			3 = RS-232 & Ethernet

PGR-6310 Ordering Information

		MODULES	COMMUNICATIONS
PGR–6310	–	X	X
		0 = None	0 = RS-485
		1 = 1 PGA-0120 RTD Module	1 = RS-485 & DeviceNet™
		2 = 2 PGA-0120 RTD Modules	2 = RS-485 & Profibus®
		3 = 1 PGA-0140 Differential Module	3 = RS-485 & Ethernet
		4 = 1 PGA-0120 RTD Module and 1 PGA-0140 Differential Module	