

# MPU-32-X69X (PGR-6210) SERIES AND MPS-469X (PGR-6310) SERIES

## Motor Protection Retrofit Kits

### 1 MPU-32-X69X



Front



Back

### 2 MPS-469X



Front



Back

### Description

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

#### 1 MPU-32-X69X

The MPU-32-X69X Motor Protection Retrofit Kit is designed to replace GE Multilin 169, 269, and 369 relays. It includes the MPU-32 Motor Protection Relay, MPU-CIM Current Input Module, and optional MPS-RTD 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.

#### 2 MPS-469X

The MPS-469X Motor Protection Retrofit Kit replaces the GE Multilin 469 relay. It includes the MPS Motor Protection System and optional RTD and differential modules mounted 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
<b>Mounting</b>	Fits in existing mounting holes and panel openings
<b>Quick installation</b>	Existing CTs and RTDs can be used to reduce installation time
<b>Factory tested</b>	100% factory-tested, pre-assembled components ensure reliability
<b>Communications</b>	Add communications capability to older switchgear and improve system performance
<b>Microprocessor based</b>	No calibration required saves on maintenance cost
<b>Reduced overcurrent mode</b>	Maintenance mode setting to reduce the risk of Arc-Flash Hazards
<b>Conformal coating</b>	Protects circuit boards against corrosion and moisture
<b>Additional protection</b>	Additional protective functions, including dynamic thermal model and ability to match existing overcurrent curves

### MPU-32-X69X Ordering Information

	RTD INPUTS	MPU-32 COMMUNICATIONS	GROUND-FAULT CT	FUTURE OPTIONS
MPU-32-X69X	X	X	X	00
	0 = One Platinum 100 Ω	0 = TIA232	0 = Wired for Sensitive Ground-Fault CT (50 mA Secondary)	
	1 = One Platinum 100 Ω and 8-input MPS-RTD Module	1 = TIA232 & TIA485	1 = Wired for 1- or 5-A Secondary Ground-Fault CT	
		2 = TIA232 & DeviceNet		
		4 = TIA232 & Ethernet		

### MPS-469X Ordering Information

	MODULE CONFIGURATION	MPS COMMUNICATIONS	FUTURE OPTIONS
MPS-469X	X	X	000
	0 = None	1 = RS485	
	1 = One MPS-RTD Module	2 = RS485 & DeviceNet	
	2 = Two MPS-RTD Modules	3 = RS485 & Profibus	
	3 = One MPS-DIF Module	4 = RS485 & Ethernet	
	4 = One MPS-RTD Module and One MPS-DIF Module		