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Littelfuse
MPS-469X-01000

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Protection Relays & Controls
Motor Protection Relay Retrofits

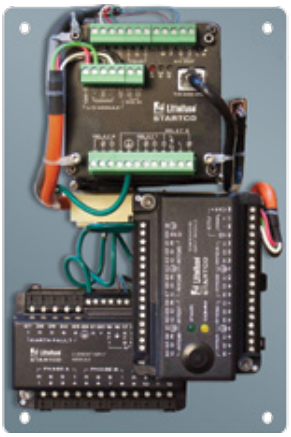
Littelfuse
Expertise Applied | Answers Delivered

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
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

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		

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