

# 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 |                       |                |