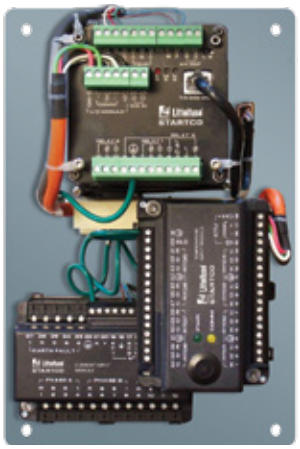
# MPU-32-X69X (PGR-6210) SERIES AND MPS-469X (PGR-6310) SERIES

## 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 | | |