

PUMP AND FEEDER PROTECTION

PGR-6800 Pump Protection Relay



Features/Benefits

- No external CT required for currents up to 90 A
- Cause-of-trip indication
- N.O. and N.C. alarm contacts
- Adjustable overload trip class setting
- Adjustable current pickup
- Undercurrent protection

Specifications

IEEE Device Numbers 37, 46, 49, 51
Dimensions **H** 83 mm (3.3")
W 78 mm (3.1")
D 99 mm (3.9")
Warranty 5 years

Web Resources

littelfuse.com/pgr-6800

| ORDERING NUMBER | SPECIFICATIONS | FULL-LOAD CURRENT | ACCESSORIES |
|-----------------|----------------|-------------------|---|
| PGR-6801-24 | 24 Vdc | 7-19.6 A | PGB-6800 - Remote Indication and Reset Assembly |
| PGR-6801-120 | 120 Vac | 7-19.6 A | |
| PGR-6801-240 | 240 Vac | 7-19.6 A | |
| PGR-6802-24 | 24 Vdc | 19-44.2 A | |
| PGR-6802-120 | 120 Vac | 19-44.2 A | |
| PGR-6802-240 | 240 Vac | 19-44.2 A | |
| PGR-6803-24 | 24 Vdc | 40-90.4 A | |
| PGR-6803-120 | 120 Vac | 40-90.4 A | |
| PGR-6803-240 | 240 Vac | 40-90.4 A | |

FPU-32 (PGR-7200) Feeder Protection Unit



Features/Benefits

- Protection, metering, and data-logging functions
- Programmable using the operator interface, the TIA-232 port, or an optional communications network
- IEC & IEEE protection curves
- CT saturation compensation
- Communications for different networks
- Two set-point groups

Specifications

IEEE Device Numbers 26, 46, 49, 50, 50G/N, 51, 51G/N, 74, 86
Dimensions **H** 96 mm (3.78")
W 96 mm (3.78")
D 132 mm (5.2")
Communications TIA-232, RS-485, DeviceNet™, Ethernet
Warranty 10 years

Web Resources

littelfuse.com/fpu-32

| ORDERING NUMBER | SPECIFICATIONS | ACCESSORIES |
|-----------------|-------------------------------------|--|
| FPU-32-00-00 | TIA-232 Communications | Phase Current Transformers Ground-Fault Transformer |
| FPU-3200-01-00 | TIA-232 & RS-485 Communications | |
| FPU-3200-02-00 | TIA-232 & DeviceNet™ Communications | |
| FPU-3200-04-00 | TIA-232 & Ethernet Communications | |

FPS (PGR-7300) Feeder Protection System



Features/Benefits

- Monitors voltage and current
- Long-time overcurrent provides thermal protection for feeder or load
- Instantaneous overcurrent to detect catastrophic failure
- Coordinations using IEEE and IEC

Specifications

IEEE Device Numbers 27, 38, 46, 47, 49, 50, 50G/N, 51, 51G/N, 55, 59, 81,
Dimensions (OPI) **H** 98 mm (3.86")
W 192 mm (7.56")
D 0.42 mm (1.65")
Warranty 10 years

Web Resources

littelfuse.com/fps



| ORDERING NUMBER | SPECIFICATIONS | ACCESSORIES |
|-----------------|------------------------------------|--|
| FPS-CTU-01-00 | RS-485 Communications | Phase Current Transformers Ground-Fault Current Transformer MPS-RTD Temperature Input Module SE-IP65CVR-M Cover |
| FPS-CTU-02-00 | RS-485 & DeviceNet™ Communications | |
| FPS-CTU-03-00 | RS-485 & Profibus® Communications | |
| FPS-CTU-04-00 | RS-485 & Ethernet Communications | |
| FPS-OPI-01-00 | Recommended | |