

LgD Series Global Pro™ Fuses

600 Volts AC • Time-Delay • 1 – 100 Amperes



Littelfuse Global Pro is the world's only fuse system designed for use anywhere, in any equipment, in virtually any country. Global Pro simplifies circuit protection by incorporating North American electrical requirements into fuse styles found in the rest of the world. Reduced size, touch-safe design, and international acceptance make the Global Pro system the easy circuit protection choice for engineers and equipment designers everywhere.

Global Pro fuses provide quick and positive visual identification of blown fuses by using a pop-up indicator design that protrudes from the top of the fuse, immediately alerting maintenance personnel that it needs to be replaced. The pop-up indicator is designed to activate a microswitch built into every Global Pro fuseholders that can activate stack-lights or to integrate into PLC networks and provide equipment operators with a remote method of determining when the fuse needs to be replaced.

The Global Pro system is designed to save valuable space in a crowded panel while providing designers with the flexibility of a universally accepted design for easy replacement. These fuses are far more compact and have greater power handling capability than conventional products. Global Pro fuses are up to 75% smaller than Class RK5 fuses and up to 50% smaller than Class J fuses while providing the time-delay characteristics that are necessary for motor circuit protection.

Applications

- Motor control centers
- Motor branch circuits
- Primary and secondary protection for transformers
- Equipment designed for export

Features And Benefits

The Global Pro fuse is physically compatible with IEC style fuseholders allowing it to be used in virtually any market. The IEC dimensions of the Global Pro fuseholder allow easy adaptation of exported equipment by simply replacing the fuse with one that meets local standards.

- Extremely compact size
- Pop-up pin indication
- Meets performance requirements of UL Class J fuses
- Global acceptance
- UL approval
- Universal voltages
- Touch-safe components
- Integrated lockout/tagout device for compliance
- Design versatility for OEMs
- Designed to IEC standards

Size Chart

Part Number	Amperage	English	Metric
LgD 0–30A	0–30A	9/16" x 2"	14mm x 51mm
LgD 35–60A	35–60A	13/16" x 2 1/4"	22mm x 58mm
LgD 70–100A	70–100A	1 1/16" x 2 3/8"	27mm x 60mm

Specifications

Voltage Ratings: AC: 600 Volts (UL)
690 Volts (IEC)
DC: 300 Volts

Interrupting Rating: AC: 200,000 amperes rms symmetrical
DC: 20,000 amperes rms symmetrical

Ampere Range: 1 – 100* amperes

Approvals: UL Listed Special Purpose 1–30 amps (File No. E71611)
UL Recognized 35–60 amps (File No. E71611)
CSA Certified 1–60 amps (File No. LR29862)

Ampere ratings

1	5	12	25	40	60	90*
2	7	15	30	45	70*	100*
3	10	20	35	50	80*	

*Contact factory for ratings above 60A
Example part number (series & amperage): LgD 60