

LF SERIES CLASS G FUSE BLOCKS

480 V • 600 V


Description

All Littelfuse Class G fuse blocks offer snap-to-release DIN rail mounting and universal mounting holes. Class G fuse blocks are designed for use with time-delay current limiting Class G fuses.

Features/Benefits

- Universal mounting holes for easy replacement
- One hand release from DIN rail for most amperages
- Meet requirements for branch circuit protection

Specifications

Voltage Ratings	600 VAC (0–20 A) 480 VAC (25–60 A)
Ampere Ratings	0–60 A
Flammability Rating	UL94 V-0
Approvals	UL Listed (File: E14721) CSA Certified (File: LR7316)

Recommended Fuses

Time Delay
Series: SLC

Web Resources

For additional technical information visit:

littelfuse.com/lfg
littelfuse.com/fuseblocks

Ordering Information (Class G 600 V)

AMP RATING	POLES	ORDERING NUMBER				WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	TERMINAL INFORMATION		
		BASE PART NUMBER	BOX LUG	PRESSURE PLATE	SCREW				TERMINAL	WIRE RANGE	TORQUE
15	1	LFG600151	CDINR	PQDINR	SQDINR	CU Only	150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG600152	CDINR	PQDINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG600153	CDINR	PQDINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)
20	1	LFG600201	CDINR	PQDINR	SQDINR		150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG600202	CDINR	PQDINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG600203	CDINR	PQDINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)

Ordering Information (Class G 480 V)

AMP RATING	POLES	ORDERING NUMBER				WIRE TYPE	BASE TEMP RATING	DIN RAIL MOUNT	TERMINAL INFORMATION		
		BASE PART NUMBER	BOX LUG	PRESSURE PLATE	SCREW				TERMINAL	WIRE RANGE	TORQUE
30	1	LFG480301	CDINR	PQDINR	SQDINR	CU Only	150° C	•	Box Lug	6-14 AWG	4.0 N-m (35 in-lbs)
	2	LFG480302	CDINR	PQDINR	SQDINR				Pressure Plate	10-14 AWG	2.3 N-m (20 in-lbs)
	3	LFG480303	CDINR	PQDINR	SQDINR				Screw	10-14 AWG	2.3 N-m (20 in-lbs)
60	1	LFG480601	CDINR	—	—	CU/Al	125° C	•	Box Lug	2-4 AWG	5.6 N-m (50 in-lbs)
	2	LFG480602	CDINR	—	—					6-14 AWG	2.8 N-m (25 in-lbs)
	3	LFG480603	CDINR	—	—						

Dimensions mm (inches)

Technical drawings of the 1000 Series connector showing front, side, and detail views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall width: 19.1 (0.75)
- Pin pitch: 8.5 (0.34)
- Pin diameter: 5.3 (0.21)
- Overall height: 76.2 (3.00)
- Pin height: 38.1 (1.50)
- Radius: R2.2 (0.09) TYP.
- Bottom flange height: 4.1 (0.16)

Side View Dimensions:

- Overall width: 38.1 (1.50)
- Pin pitch: 21.7 (0.85)
- Pin diameter: 16.4 (0.65)
- Pin height: 9.3 (0.37)
- Radius: R2.7 (0.11) TYP.
- Radius: R2.6 (0.10) TYP.

Detail View Dimensions:

- Overall width: 59.9 (2.36)
- Pin pitch: 34.4 (1.36)
- Pin diameter: 25.5 (1.01)
- Pin height: 15.4 (0.61)
- Pin height: 6.5 (0.26)
- Radius: R2.3 (0.09) TYP.

Another Detail View:

- Overall width: 35.6 (1.40)

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Technical drawings of the 1000 Series Single-Row Ball Bearing Unit showing front, side, and end views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 21.8 (0.86)
- Distance from Center to Inner Edge: 8.3 (0.33)
- Distance from Center to Outer Edge: 6.8 (0.27)
- Overall Height: 95.3 (3.75)
- Distance from Bottom to Inner Edge: 55.1 (2.17)
- Distance from Bottom to Outer Edge: 3.7 (0.15)
- Internal Feature: R2.3 (0.09) TYP.

Side View Dimensions:

- Overall Width: 40.9 (1.61)
- Distance from Center to Inner Edge: 25.8 (1.02)
- Distance from Center to Outer Edge: 15.1 (0.59)
- Distance from Center to Bottom Edge: 6.8 (0.27)

End View Dimensions:

- Overall Width: 59.9 (2.36)
- Distance from Center to Inner Edge: 44.9 (1.77)
- Distance from Center to Outer Edge: 25.8 (1.02)
- Distance from Center to Bottom Edge: 15.1 (0.59)
- Distance from Center to Bottom Edge: 6.8 (0.27)

End View Detail:

- Distance from Center to Inner Edge: 35.6 (1.40)

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Rev: 4-A-071318