

# CLASS J – JLS SERIES FUSES

600 VAC • Fast-Acting • 1-600 A



## Description

JLS series fuses provide space saving, fast-acting overload and short-circuit protection for non-inductive loads. For applications where short-duration surges and spikes may cause nuisance fuse opening, consider the use of Littelfuse POWR-PRO® JTD or JTD\_ID series time-delay fuses.

## Applications

- General purpose circuits with little or no motor load.
- Resistive loads, such as resistance electric heat.
- Loads requiring fast-acting overload protection, such as equipment containing solid-state devices.

## Specifications

<b>Voltage Ratings</b>	600 VAC
<b>Interrupting Ratings</b>	200 kA rms symmetrical
<b>Ampere Range</b>	1–600 A
<b>Approvals</b>	Standard 248-8, Class J UL Listed (File: E81895) CSA Certified (File: LR29862) Federal Specification WF-1814 (QPL-W-F-1814)

## Dimensions

Please refer to the Class J dimensions on page 2

## Ordering Information

AMPERE RATINGS					
1	20	45	90	175	350
3	25	50	100	200	400
6	30	60	110	225	450
10	35	70	125	250	500
15	40	80	150	300	600

TYPE	SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
NON-INDICATING	JLS	110	JLS110	0JLS110.X

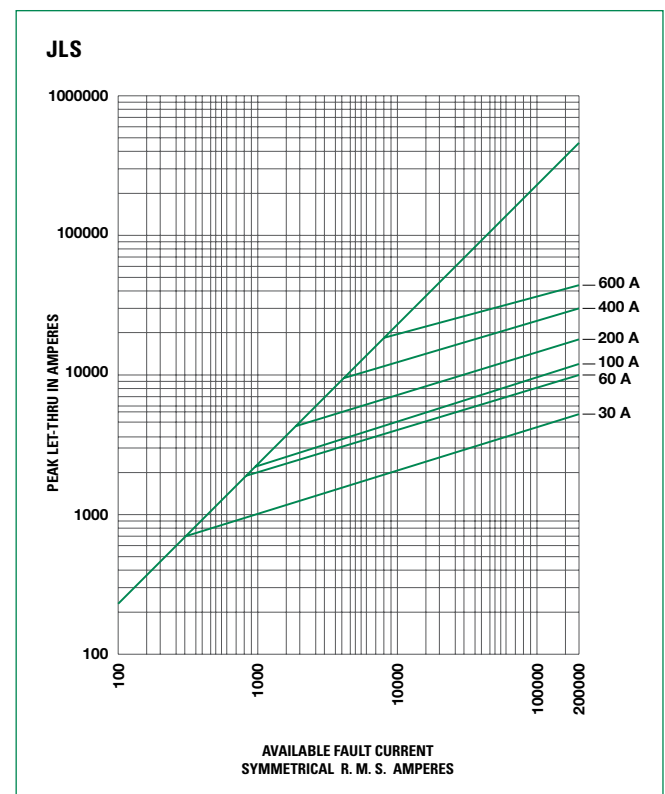
## Web Resources

TC curves, downloadable CAD drawings and other technical information: [Littelfuse.com/jls](http://Littelfuse.com/jls)

## Recommended Fuse Holders

LFJ60 Series (cover is not compatible with JLS series fuses)  
LFPSJ Series (I<sub>no</sub>–60 A)

## Peak Let-Thru Curve



# CLASS J DIMENSIONS AND CURRENT-LIMITING EFFECTS

## Dimensions Inches (mm)



Fig. 1

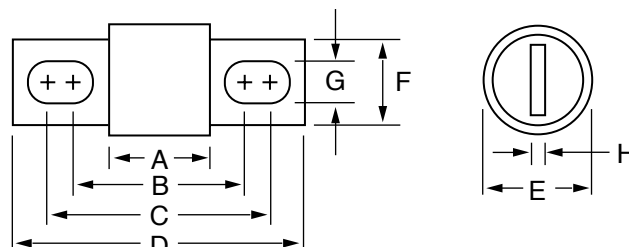


Fig. 2

## Dimensions

AMPERES	REFER TO FIG. NO.	DIMENSIONS INCHES (mm)							
		A	B	C	D	E	F	G	H
1 – 30	1	2¼ (57.2)	—	½ (12.7)	13/16 (20.6)	—	—	—	—
35 – 60	1	2¾ (60.3)	—	5/8 (15.9)	1¼ (27.0)	—	—	—	—
70 – 100	2	2½ (66.7)	3 <sup>11</sup> / <sub>32</sub> (89.7)	3 <sup>23</sup> / <sub>32</sub> (94.5)	4 <sup>5</sup> / <sub>8</sub> (117.5)	1 (25.4)	¾ (19.1)	9/32 (7.1)	1/8 (3.2)
110 – 200	2	3 (76.2)	4 <sup>9</sup> / <sub>32</sub> (108.7)	4 <sup>15</sup> / <sub>32</sub> (113.5)	5 <sup>3</sup> / <sub>4</sub> (146.1)	1½ (38.1)	1 (28.6)	9/32 (7.1)	3/16 (4.8)
225 – 400	2	3¾ (85.7)	5/8 (130.2)	5 <sup>3</sup> / <sub>8</sub> (136.5)	7/8 (181.0)	2 (50.8)	1 <sup>5</sup> / <sub>8</sub> (41.3)	13/32 (10.3)	¼ (6.4)
450 – 600	2	3¾ (95.3)	5 <sup>27</sup> / <sub>32</sub> (148.4)	6 <sup>5</sup> / <sub>32</sub> (156.4)	8 (203.2)	2½ (63.5)	2 (50.8)	1 <sup>7</sup> / <sub>32</sub> (13.5)	3/8 (9.5)