

# ALTERNATE DIMENSION SEMICONDUCTOR FUSES

1000 Vac • Very Fast-Acting • 15-1000 A



## LA100P Series Semiconductor Fuses

AMPERE RATING	CATALOG NUMBER	MOUNTING TYPE	MAXIMUM CLEARING I <sup>2</sup> t @1000 Vac (A <sup>2</sup> s X 10 <sup>3</sup> )	WATTS LOSS @ RATED CURRENT (W)
15	LA100P15-1	1	0.6	3.4
20	LA100P20-1	1	0.8	5.9
25	LA100P25-1	1	1.3	9
30	LA100P30-1	1	1.5	12.8
35	LA100P35-4	4	2.2	7.3
40	LA100P40-4	4	2.9	8.3
50	LA100P50-4	4	4.5	11
60	LA100P60-4	4	6.5	13
80	LA100P80-4	4	12	14
100	LA100P100-4	4	18	18
125	LA100P125-4	4	28	23
150	LA100P150-4	4	41	28
200	LA100P200-4	4	72	36
225	LA100P225-4	4	91	40
250	LA100P250-4	4	110	46
300	LA100P300-4	4	160	55
350	LA100P350-4	4	220	65
400	LA100P400-4	4	290	70
500	LA100P500-4	4	450	90
600	LA100P600-4	4	650	110
650	LA100P650-4	4	780	120
700	LA100P700-4	4	880	125
800	LA100P800-4	4	1200	140
1000	LA100P1000-4	4	1900	190

## Description

Littelfuse LA100P semiconductor protection fuses are rated 1000 Vac, extending the range of protection for UPS systems, AC and DC drives, reduced voltage motor starters and similar applications where lower I<sup>2</sup>t and superior reliability are needed. With ratings from 15-1000 amperes, a wide range of high voltage applications can be served.

## Features/Benefits

- Low I<sup>2</sup>t minimizes damage to protected components on short-circuit.
- Controlled arc voltage reduces stress to circuit components during fuse clearing.

## Specifications

<b>Voltage Rating</b>	AC: 1000 V DC: 750 V
<b>Interrupting Rating</b>	100 kA
<b>Ampere Range</b>	15 – 1000 A
<b>Approvals</b>	UL Recognized

## Web Resources

For additional information, visit: [littelfuse.com/la100p](http://littelfuse.com/la100p)

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Semiconductor Fuses

## Dimensions

Figure 1

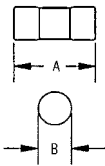


Figure 2

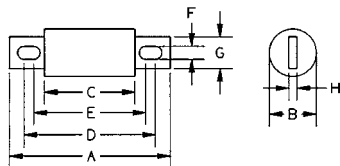


Figure 3

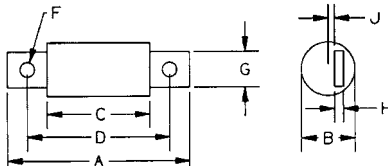
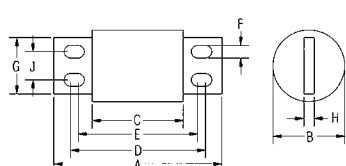


Figure 4



Dimensions for reference only.

AMPERES	MOUNTING TYPE	FIGURE NO.	DIMENSIONS INCHES (mm)									
			A	B	C	D	E	F	G	H	J	
15 – 30	1	1	2.53 (66.8)	0.56 (14.2)	-	-	-	-	-	-	-	-
35 – 60	4	2	5.00 (127)	1.00 (25.4)	3.50 (88.9)	4.31 (109)	4.19 (106)	0.31 (7.9)	0.75 (19.1)	0.13 (3.3)	-	-
65 – 100	4	2	5.00 (127)	1.22 (31)	3.50 (88.9)	4.31 (109)	4.19 (106)	0.31 (7.9)	1.00 (25.4)	0.19 (4.8)	-	-
125 – 200	4	2	5.72 (145)	1.50 (38.1)	3.47 (88.1)	4.78 (121)	4.16 (106)	0.41 (10.4)	1.50 (25.4)	0.25 (6.4)	-	-
225 – 400	4	2	5.72 (145)	2.00 (50.8)	3.47 (88.1)	4.78 (121)	4.16 (106)	0.41 (10.4)	1.50 (25.4)	0.25 (6.4)	-	-
500 – 600	4	2	7.72 (196)	2.50 (63.5)	3.47 (88.1)	5.88 (149)	5.56 (147)	0.53 (13.5)	2.00 (50.8)	0.38 (9.7)	-	-
650 – 800	4	3	7.44 (189)	2.88 (73.2)	3.94 (100)	5.94 (151)	-	0.63 (16)	2.00 (50.8)	0.38 (9.7)	0.31 (7.9)	-
1000	4	4	8.22 (209)	3.50 (88.9)	4.47 (114)	6.59 (167)	5.84 (148)	0.63 (16)	2.75 (69.9)	0.50 (12.7)	1.38 (35.1)	-

Optional Trigger Indicator (TI) for 50 A - 1000 A available  
Contact Littelfuse for characteristic curves.