

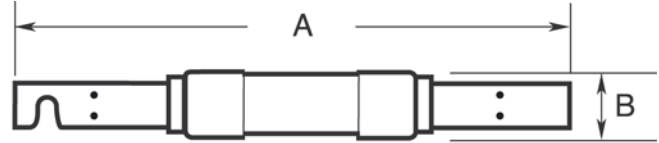
# LESRK

## Class RK1 600Vac, 70 to 600A

### Dual-Element, Time-Delay Fuses



Dimensions (inches)



Ampere Ratings	"A"	"B"
70-100	7.88 (± 0.062)	1.11 (± 0.020)
110-200	9.63 (± 0.062)	1.61 (± 0.020)
225-400	11.63 (± 0.094)	2.36 (± 0.020)
450-600	13.38 (± 0.094)	2.88 (± 0.020)

**Catalog Symbol:** LESRK

**Volts:** 600Vac (or less)

**Amps:** 70 to 600A

**IR:** 200kA RMS Sym. (300kA self certified)  
50kAIC

**Agency Information:** UL Listed – Class R, Guide JDDZ, File E162363, CSA Certified, (200,000 AIR) Class 1422-02, File 700489, Class RK1 per CSA C22.2 No. 248.12

#### Features

- Current-limitation for maximum short-circuit protection.
- Type 2 protection for IEC and NEMA starters when properly sized.
- High inrush current motor protection.
- Time-delay permits 130% FLA sizing for back-up motor protection against single-phase damage.
- Low watt loss power consumption.
- Electrically isolated end caps.
- 300Vdc (self certified)

#### Catalog Numbers (amps)

LESRK70	LESRK125	LESRK250	LESRK500
LESRK80	LESRK150	LESRK300	LESRK600
LESRK90	LESRK175	LESRK350	
LESRK100	LESRK200	LESRK400	
LESRK110	LESRK225	LESRK450	

#### Carton Quantity and Weight

Amps	Carton Quantity	Weight per Carton	
		lbs	kg
70-100	1	2.20	1.0
110-200	1	1.10	0.5
225-400	1	2.36	1.1
450-600	1	3.44	1.5

#### Class RK1 Fuse Blocks (600V) Catalog Data

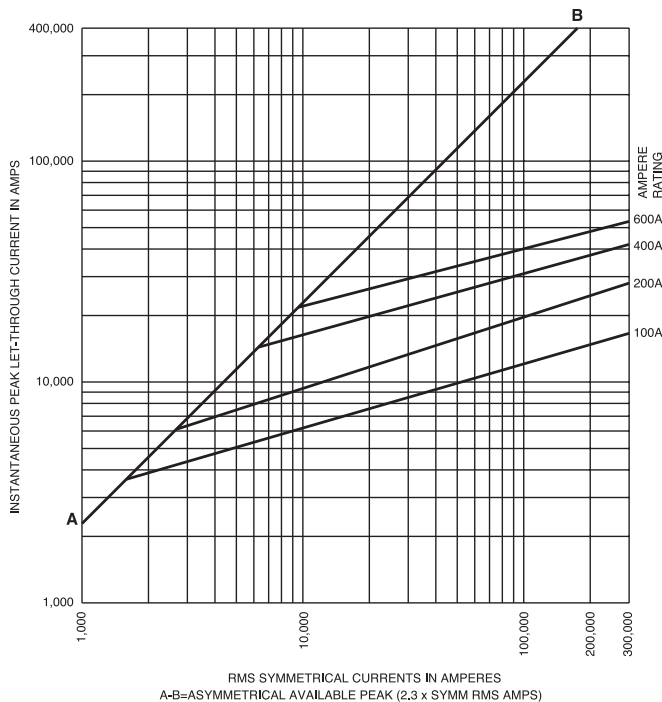
Amps	Poles	Catalog Numbers	Terminal Type
100	1	R60100-1CR	Box Lug
	2	R60100-2CR	Box Lug
	3	R60100-3CR	Box Lug
200	1	R60200-1CR	Box Lug
	2	R60200-3CR	Box Lug
400	1	R60400-1CR	Box Lug
	3	R60400-3CR	Box Lug
600	1	R60600-1CR	Box Lug
	3	R60600-3CR	Box Lug

# LESRK

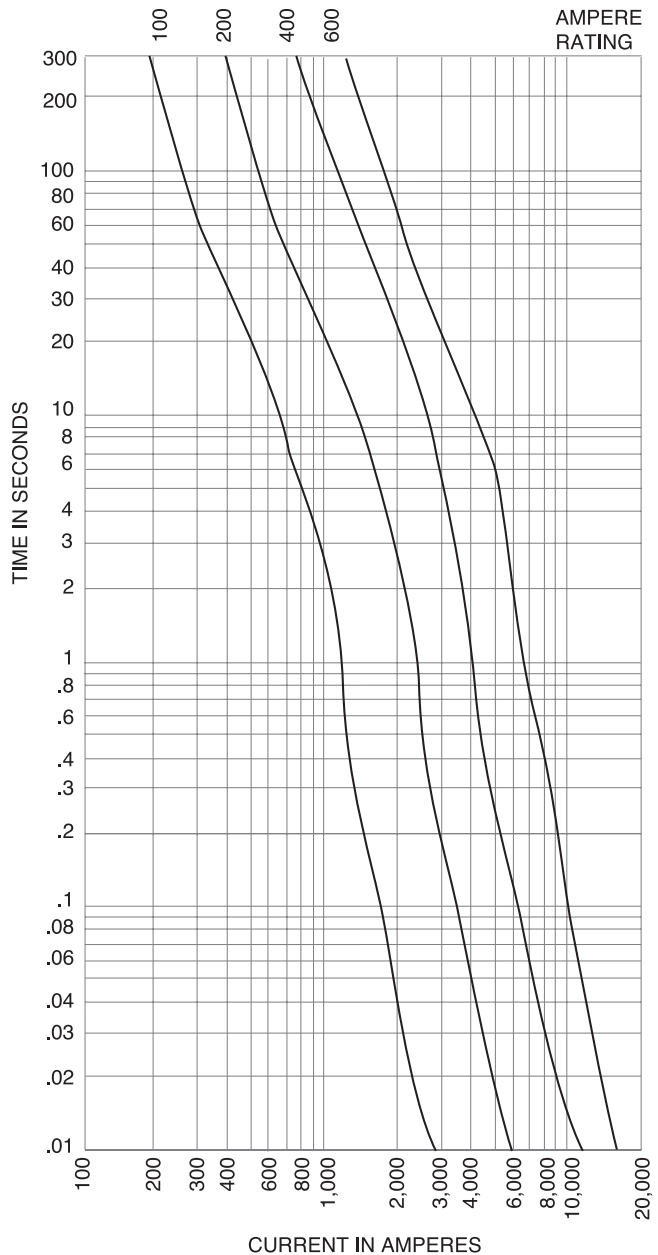
## Class RK1 600Vac, 70 to 600A

### Dual-Element, Time-Delay Fuses

#### Current Limitation Curves



#### Time-Current Characteristic Curves- Average Melt



#### Current-Limiting Effects

LESRK Apparent RMS Sym. Let-Thru Current Vs Fuse Rating

Prosp.

SCC	100A	200A	400A	600A
5000	2200	3250	5000	5000
10,000	2700	4100	7150	9600
15,000	3050	4650	7950	10,650
20,000	3300	5100	8650	11,500
25,000	3500	5500	9200	12,200
30,000	3700	5800	9650	12,750
35,000	3900	6100	10,100	13,300
40,000	4050	6400	10,450	13,750
50,000	4300	6850	11,100	14,600
60,000	4550	7250	11,700	15,300
80,000	4950	7950	12,650	16,450
100,000	5250	8550	13,450	17,450
150,000	5900	9750	15,050	19,400
200,000	6450	10,700	16,300	20,900
250,000	6850	11,500	17,350	22,100
300,000	7250	12,200	18,250	23,200

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