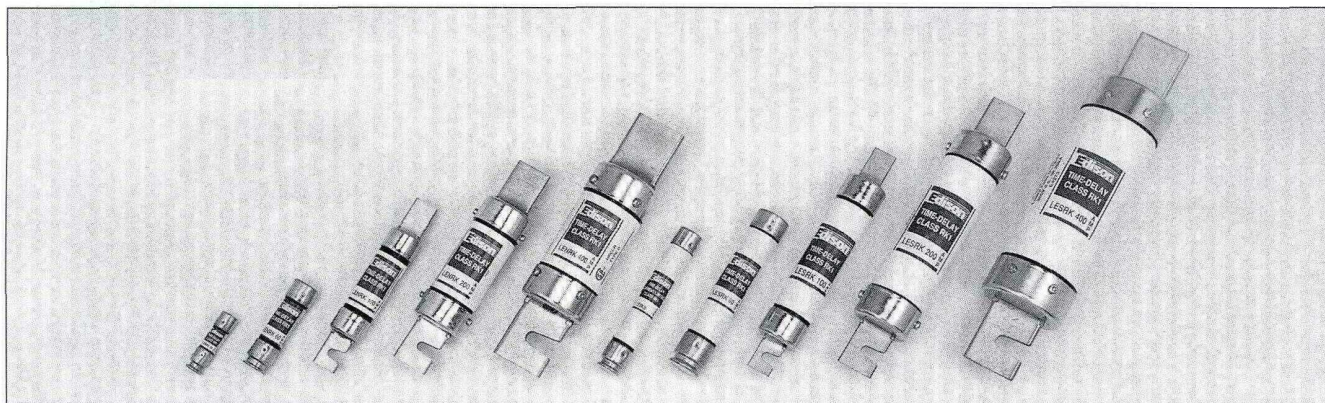




# LENRK/LESRK CLASS RK1 DUAL ELEMENT TIME-DELAY FUSES



**Catalog Number LENRK (.2 - 600A) 250 Volts AC or Less**  
**Catalog Number LESRK (.25 - 600A) 600 Volts AC or Less**

AMPERE RATINGS				
LENRK 250V				
0.2	2	6.25	40	175
0.3	2.25	8	45	200
0.4	2.5	9	50	225
0.5	3	10	60	250
0.6	3.2	12	70	300
0.8	3.5	15	80	350
1	4	17.5	90	400
1.12	4.5	20	100	450
1.4	5	25	110	500
1.6	5.6	30	125	600
1.8	6	35	150	
LESRK 600V				
0.25	2.25	6.25	35	150
0.5	2.5	7	40	175
0.6	2.8	8	45	200
1	3	9	50	225
1.12	3.2	10	60	250
1.25	3.5	12	70	300
1.4	4	15	80	350
1.5	4.5	17.5	90	400
1.6	5	20	100	450
1.8	5.6	25	110	500
2	6	30	125	600

### LENRK/LESRK SPECIFICATIONS

Dual-Element Time-Delay

**Voltage Rating:** LENRK - 250VAC, LESRK - 600VAC

**Ampere Rating:** .2 - 600 Amps

**Interrupting Rating:** 200,000 RMS Symmetrical Amps

**Self-Certified Interrupting Rating:**  
300,000 RMS Symmetrical Amps

**Current Limiting:** RK1 Fuse

#### Agency Approvals:

UL Listed, Class RK1, Guide JDDZ, File E162363  
 CSA Certified HRCI-R per C22.2, No. 248.12

#### Self-Certified DC Ratings:

**Voltage Rating:** LENRK (.2-600) 125VDC  
 LESRK (.25-30) 200VDC; (35-600) 300VDC  
**Interrupting Rating:** LENRK/LESRK 20,000 Amperes DC

### BENEFITS:

- True dual - element spring - trigger construction allows sizing of 125% FLA for motor backup protection.
- Superior overload and cycling capabilities.
- Extremely current limiting; provides superior short circuit component protection.

### APPLICATIONS:

- Recommended for AC power distribution system mains, feeders, and branch circuits.
- Protection of motors and motor branch circuits.
- Type 2 protection for IEC components.
- All general - purpose applications including lighting, heating and other non-inductive loads.

### RECOMMENDED FUSEBLOCKS:

Refer to page 136 in this catalog.

### RECOMMENDED UPGRADE:

None.

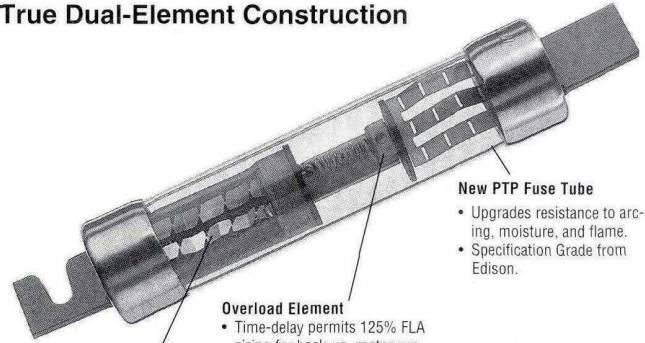
CROSS REFERENCE				
VOLTS	EDISON	BUSSMANN	GOULD	LITTELFUSE
250	LENRK	LPN-RK-SP	A2DR	LLNRK
600	LESRK	LPS-RK-SP	A6DR*	LLSRK

\*Not dual element 110 - 600 Amp

### LENRK/LESRK dual element FUSES

The application recommended for these fuses is exactly the same as for the Edison ECNR/ECSR fuses except for the advantages of greater current limitation. The Edison LENRK/LESRK fuses have up to 40% more current limitation and up to 350% more Amps-Squared-Second (I<sup>2</sup>t) limitation under fault conditions than Edison ECNR/ECSR fuses to reduce potential for damage. In addition, LENRK/LESRK fuses allow better selectivity for electrical power system designers and better short circuit protection for breakers having inadequate interrupting ratings. ECNR/ECSR and LENRK/LESRK fuse lines are physically interchangeable (and electrically interchangeable per U.L. equipment listing conditions) and are recommended as a practical, economical way to upgrade systems for many situations.

### True Dual-Element Construction



#### Short-Circuit Element

- Current Limiting
- 200,000 Amps Interrupting Rating. (300,000 amps self-certified.)
- Type 2 protection for IEC Components.

#### Overload Element

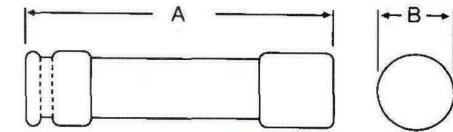
- Time-delay permits 125% FLA sizing for back-up, motor running protection.
- Can protect motors from burn-out due to single-phasing.
- Design of heat absorber reduces watts loss.

#### New PTP Fuse Tube

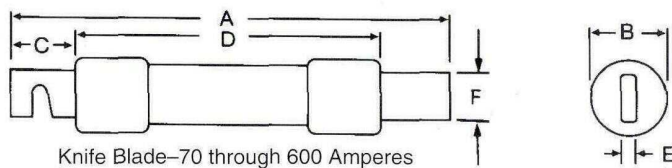
- Upgrades resistance to arcing, moisture, and flame.
- Specification Grade from Edison.

CLASS R FUSES WILL FIT CLASS H, K AND R FUSE CLIPS. CLASS R FUSE CLIPS WILL ONLY ACCEPT CLASS R FUSES. FUSES RATED 600 VOLTS AC OR LESS MAY BE APPLIED AT ANY LOWER VOLTAGE. CONTACT EDISON FUSEGEAR FOR SPECIAL PRODUCTS OR APPLICATIONS.

### DIMENSIONS<sup>(1)</sup>



Ferrule Design—0 through 60 Amperes



Knife Blade—70 through 600 Amperes

Catalog Number	Amps	Overall Length	Max Diameter	Min Blade Length	Min Barrel Length	Blade Thickness	Blade Width
		A	B	C	D	E	F
LENRK 250V	0-30	2	9/16	—	—	—	—
	35-60	3	13/16	—	—	—	—
	70-100	5-7/8	1-1/16	1	3-9/16	1/8	3/4
	110-200	7-1/8	1-5/8	1-3/8	4-1/4	3/16	1-1/8
	225-400	8-5/8	1-15/16	1-7/8	4-3/4	1/4	1-5/8
	450-600	10-3/8	2-5/16	2-1/4	5-3/4	1/4	2
LESRK 600V	0-30	5	13/16	—	—	—	—
	35-60	5-1/2	1-1/16	—	—	—	—
	70-100	7-7/8	1-1/16	1	5-15/16	1/8	3/4
	110-200	9-5/8	1-5/8	1-3/8	6-3/4	3/16	1-1/8
	225-400	11-5/8	2-3/4	1-7/8	7-3/4	1/4	1-5/8
	450-600	13-3/8	3-1/8	2-1/4	8-3/4	1/4	2