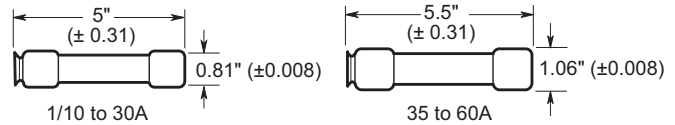


## LPS-RK — 600Vac/300Vdc, 1/10-60A, Dual Element, Time-Delay Fuses



Available with easyID™  
open fuse indication

### Dimensions - in



**Description:** Ultimate protection Class RK1 dual element, current-limiting, time-delay fuses available with optional open fuse indication on select ratings. Time-delay – 10 seconds (minimum) at 500% of rated current.

**Catalog Symbol:** LPS-RK-(amp)SP (non-indicating)  
LPS-RK-(amp)SPI (indicating)

### Rating:

- Volts — 600Vac, 300Vdc
- Amps — 1/10-60A
- IR — 300kA Vac RMS Sym.
- 100kA DC

### Agency Information:

CE, UL Listed, Guide JDDZ, File E4273  
CSA Certified, Class 1422-02, File 53787  
Class RK1 per CSA C22.2, No. 248.12

### Catalog Numbers (amps) – Non-indicating fuses

|                 |                 |                 |                  |
|-----------------|-----------------|-----------------|------------------|
| LPS-RK-1/10SP   | LPS-RK-1 1/2SP  | LPS-RK-4 1/2SP  | LPS-RK-17 1/2SP* |
| LPS-RK-1/10SP   | LPS-RK-1 1/10SP | LPS-RK-5SP      | LPS-RK-20SP*     |
| LPS-RK-3/10SP   | LPS-RK-1 1/10SP | LPS-RK-5 1/10SP | LPS-RK-25SP*     |
| LPS-RK-1/10SP   | LPS-RK-2SP      | LPS-RK-6SP*     | LPS-RK-30SP*     |
| LPS-RK-1/2SP    | LPS-RK-2 1/2SP  | LPS-RK-6 1/4SP* | LPS-RK-35SP*     |
| LPS-RK-9/10SP   | LPS-RK-2 1/2SP  | LPS-RK-7SP*     | LPS-RK-40SP*     |
| LPS-RK-9/10SP   | LPS-RK-2 3/10SP | LPS-RK-8SP*     | LPS-RK-45SP*     |
| LPS-RK-1SP      | LPS-RK-3SP      | LPS-RK-9SP*     | LPS-RK-50SP*     |
| LPS-RK-1 1/4SP  | LPS-RK-3 3/10SP | LPS-RK-10SP*    | LPS-RK-60SP*     |
| LPS-RK-1 1/4SP  | LPS-RK-3 1/2SP  | LPS-RK-12SP*    |                  |
| LPS-RK-1 1/10SP | LPS-RK-4SP      | LPS-RK-15SP*    |                  |

\* Open fuse indication available by inserting the suffix "I," e.g., LPS-RK-15SPI.  
Requires 75Vac minimum voltage.

### Carton Quantity:

| Amp Rating | Carton Qty. |
|------------|-------------|
| 0-60       | 10          |

### Features:

- Industry's only UL Listed and CSA Certified fuse with a 300kA interrupting rating that allows for simple, worry-free installation in virtually any application.
- Fast short-circuit protection and dual-element, time-delay performance provide ultimate protection.
- Reduces existing fuse inventory by up to 33% when upgrading to Low-Peak fuses.
- Consistent 2:1 ampacity ratios for all Low-Peak fuses make selective coordination easy.
- Time-delay permits 130% FLA sizing for back-up motor protection.
- Current-limitation protects downstream components against damaging thermal and magnetic effects of short-circuit currents.
- Protects against single-phase motor damage.
- Proper sizing can provide "no damage" Type 2 coordinated protection for NEMA and IEC motor controllers.

### Applications:

- Feeder and Branch Circuits
- Motors
- Transformers
- Solenoids
- General Purpose Circuits

### Recommended Fuse Blocks

| Fuse Amps | 1-Pole   | 2-Pole   | 3-Pole   |
|-----------|----------|----------|----------|
| 0-30      | R60030-1 | R60030-2 | R60030-3 |
| 35-60     | R60060-1 | R60060-2 | R60060-3 |

For additional information on the R600 Series of 600 volt fuse blocks, see data sheet # 1111.

### Fuse Reducers For Class R Fuses

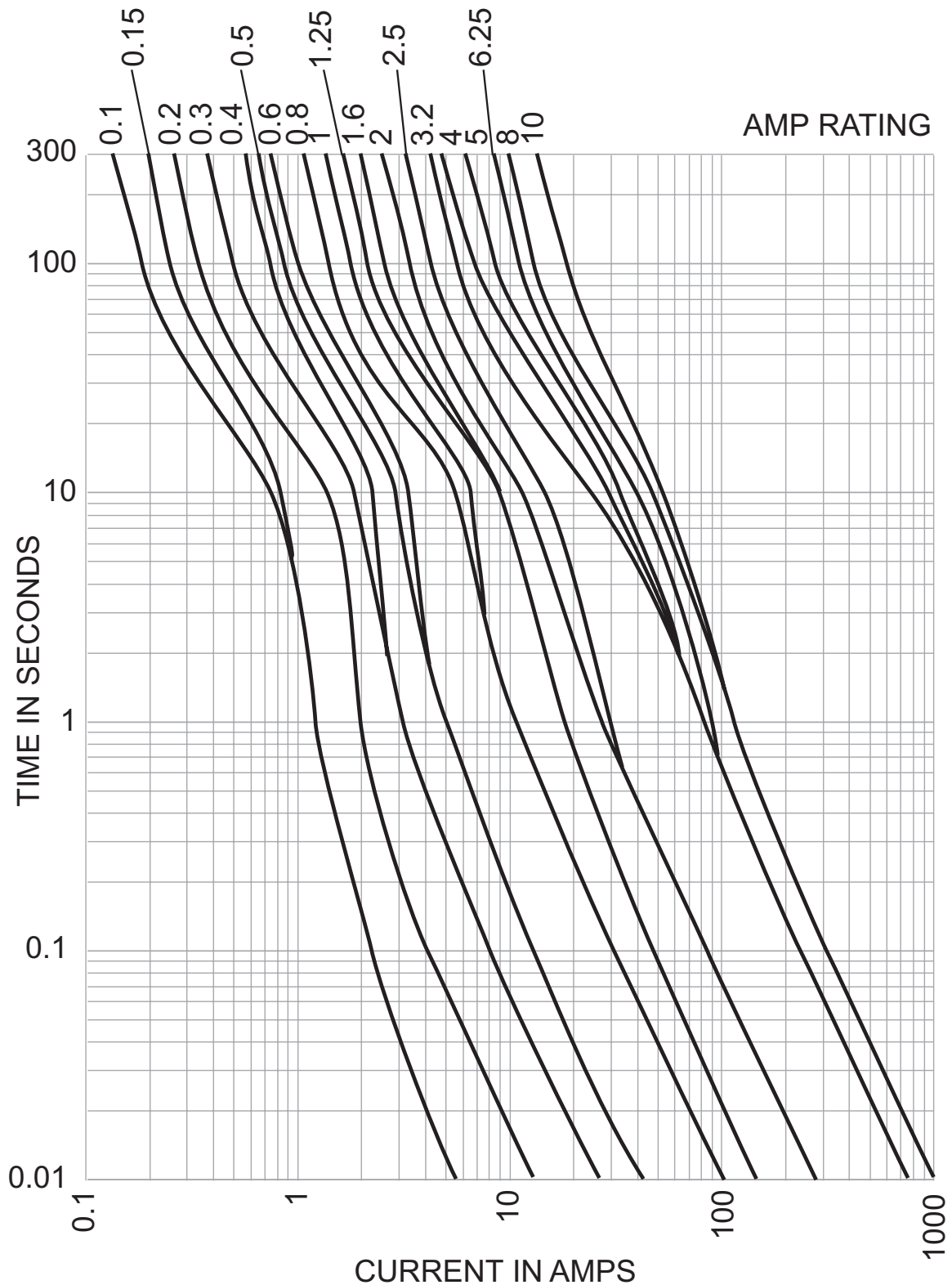
| Equipment Fuse Clips | Desired Fuse (Case) Size | Catalog Numbers (Pairs) 600V |
|----------------------|--------------------------|------------------------------|
| 60A                  | 30A                      | NO.663-R                     |
| 100A                 | 30A                      | NO.216-R                     |
|                      | 60A                      | NO.616-R                     |
| 200A                 | 60A                      | NO.626-R                     |

For additional information on Class R fuse reducers, see Data Sheet 1118.

## LPS-RK — 600Vac/300Vdc, 1/10-60A, Dual Element, Time-Delay Fuses

### Time-Current Characteristic Curves—Average Melt

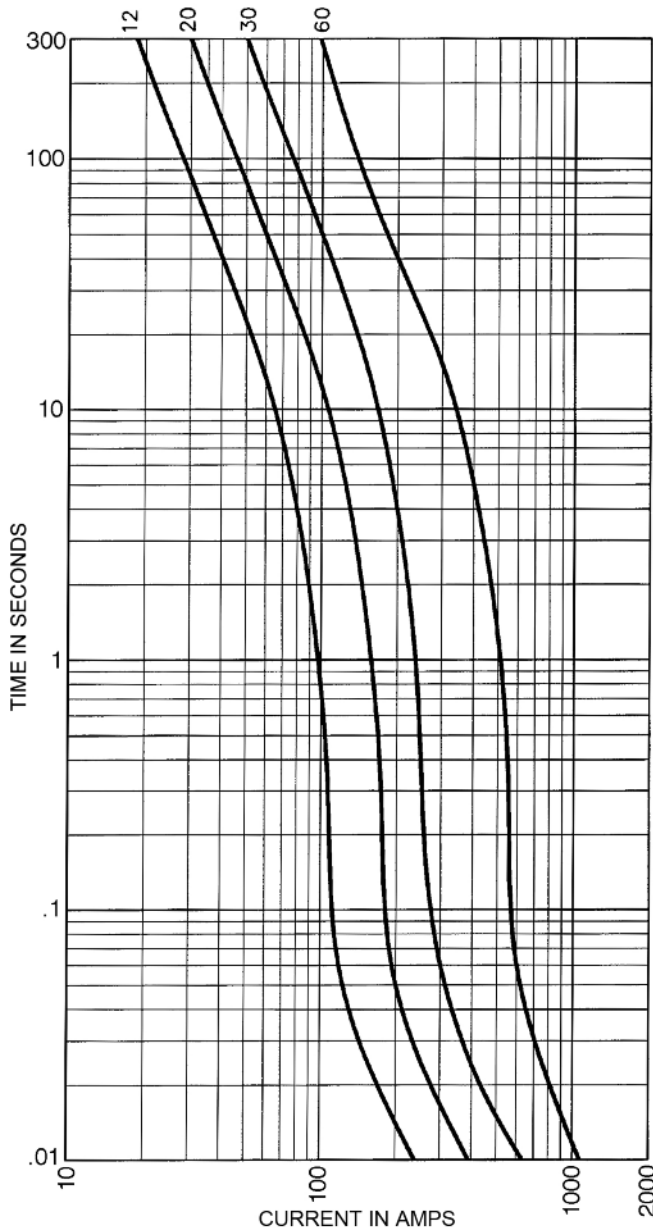
1/10 to 10 Amps



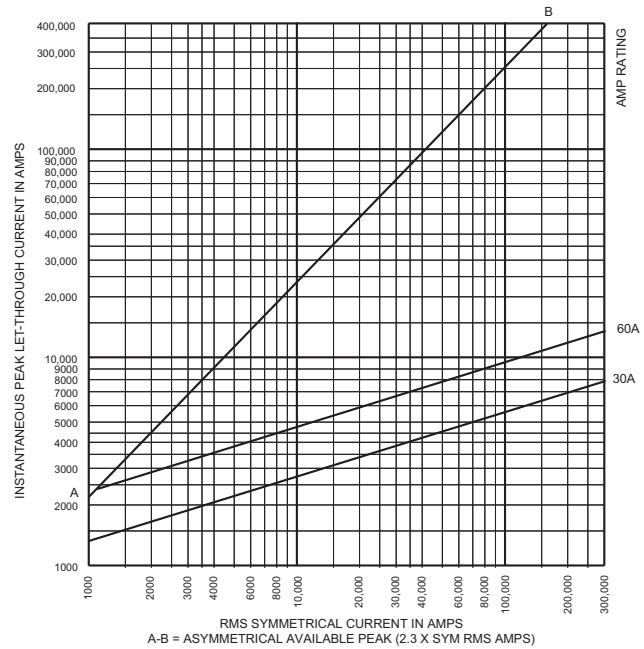
## LPS-RK — 600Vac/300Vdc, 1/10-60A, Dual Element, Time-Delay Fuses

### Time-Current Characteristic Curves—Average Melt

12 to 60 Amps



### Current-Limitation Curves



### Current-Limiting Effects

| Prop.<br>S.C.C. | Let-Through Current<br>(Apparent RMS Symmetrical Vs. Fuse Rating) |      |
|-----------------|---|------|
|                 | 30A   | 60A  |
| —               | 30A   | 60A  |
| 1000            | 1000  | 1000 |
| 2000            | 1000  | 1000 |
| 3000            | 1000  | 1000 |
| 5000            | 1000  | 2000 |
| 10,000          | 1000  | 2000 |
| 15,000          | 1000  | 2000 |
| 20,000          | 2000  | 3000 |
| 25,000          | 2000  | 3000 |
| 30,000          | 2000  | 3000 |
| 35,000          | 2000  | 3000 |
| 40,000          | 2000  | 3000 |
| 50,000          | 2000  | 3000 |
| 60,000          | 2000  | 4000 |
| 70,000          | 2000  | 4000 |
| 80,000          | 2000  | 4000 |
| 90,000          | 2000  | 4000 |
| 100,000         | 2000  | 4000 |
| 150,000         | 3000  | 5000 |
| 200,000         | 3000  | 5000 |
| 250,000         | 3000  | 6000 |
| 300,000         | 3000  | 6000 |

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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