

# LOW-PEAK®

## Dual-Element, Time-Delay Fuses

### Class RK1 – 600 Volt

# LPS-RK

## 0-60 Amps



Catalog Symbol: LPS-RK\_SP  
 Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current  
 Current-Limiting  
 Ampere Rating: 1/10 to 60A  
 Voltage Rating: 600Vac (or less)  
 300Vdc (or less)

Interrupting Rating:  
 ac: 300,000A RMS Sym.  
 dc: 100,000A

Agency Information:  
 UL Listed, Special Purpose\*\*, Guide JFHR, File E56412  
 CSA Certified, (200,000AIR), Class RK1 per CSA C22.2,  
 No. 248.12, Class 1422-02, File 53787

\*\*Meets all performance requirements of UL Standard 248-12 for Class RK1 fuses.

#### Catalog Symbol and Amperes

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

#### Carton Quantity and Weight

| Ampere Ratings | Carton Qty. | Weight* |       |
|----------------|-------------|---------|-------|
|                |             | Lbs.    | Kg.   |
| 0-30           | 10          | 1.6     | 0.725 |
| 35-60          | 10          | 2.6     | 1.178 |

\*Weight per carton.

#### Dimensional Data



#### 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.
- Protection against single-phase motor damage.
- Low watt loss power consumption.
- Electrically isolated end caps.
- 300Vdc, UL Listed.

#### Applications:

- Branch distribution
- Motors
- Transformers
- Solenoids
- General purpose circuits

#### Current-Limitation Curve



HMS SYMMETRICAL CURRENTS IN AM  
 A-B=ASYMMETRICAL AVAILABLE F  
 (2.3 x SYMM RMS AMPS)

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

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Dual-Element, Time-Delay Fuses  
Class RK1 – 600 Volt

# LPS-RK

0-60 Amps

Time-Current Characteristic Curves—Average Melt



Recommended fuseblocks for  
Class R 600V fuses  
See Data Sheet: 1111

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