

# Low-Peak®

## Dual-Element Time-Delay Fuses

### Class RK1 – 250 Volts AC/DC

# LPN-RK\_SPI

## 70-600A



**Catalog Symbol:** LPN-RK\_SPI

**Ampere Rating:** 70 to 600A

**Voltage Ratings:**

ac: 250V (or less)

dc: 250V (or less)

**Interrupting Ratings:**

ac: 300,000A RMS Sym.

dc: 100,000A

**Agency Information:**

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

**Catalog Numbers**

|               |               |               |
|---------------|---------------|---------------|
| LPN-RK-70SPI  | LPN-RK-150SPI | LPN-RK-350SPI |
| LPN-RK-80SPI  | LPN-RK-175SPI | LPN-RK-400SPI |
| LPN-RK-90SPI  | LPN-RK-200SPI | LPN-RK-450SPI |
| LPN-RK-100SPI | LPN-RK-225SPI | LPN-RK-500SPI |
| LPN-RK-110SPI | LPN-RK-250SPI | LPN-RK-600SPI |
| LPN-RK-125SPI | LPN-RK-300SPI | —             |

Available with tin plate option. Add Suffix "-TP" (Ex.: LPN-RK-100SP-TP)

**Carton Quantity and Weight—LPN-RK (250Vac)**

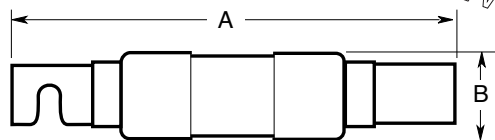
| Ampere Ratings | Carton Qty. | Weight* |     |
|----------------|-------------|---------|-----|
|                |             | Lbs.    | Kg. |
| 70-100         | 5           | 1.9     | 0.9 |
| 110-200        | 1           | 0.9     | 0.4 |
| 225-400        | 1           | 2.0     | 0.9 |
| 450-600        | 1           | 3.0     | 1.4 |

\*Weight per carton.

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

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.

**Dimensional Data**



NEW DESIGN

**Dimensions (inches)**


| Ampere Ratings | "A"             | "B"            |
|----------------|-----------------|----------------|
| 70-100         | 5.88 (± 0.062)  | 1.10 (± 0.020) |
| 110-200        | 7.13 (± 0.062)  | 1.61 (± 0.020) |
| 225-400        | 8.63 (± 0.094)  | 2.36 (± 0.020) |
| 450-600        | 10.38 (± 0.094) | 2.88 (± 0.020) |

**Features:**

- Current limiting for maximum short-circuit protection.
- Type 2 protection for IEC and NEMA starters when properly sized.
- Permanent replacement fuse indication.
- High in-rush current motor protection.
- Time-delay that permits 130% FLA sizing for back-up motor protection.
- Provides protection against single-phase motor damage.
- Low watt loss power consumption.
- Electrically isolated end caps.
- 250Vdc, UL Listed.

**Applications:**

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



**Recommended fuseblocks for Class R 250V fuses**  
**See Data Sheet: 1110**


**Fuse Reducers For Class R Fuses**

| Equipment Fuse Clips | Desired Fuse (Case) Size | Catalog Number (Pairs) 600V |
|----------------------|--------------------------|-----------------------------|
| 200A                 | 100A                     | No. 2621-R***               |
|                      | 100A                     | No. 2641-R                  |
| 400A                 | 200A                     | No. 642-R                   |
|                      | 100A                     | No. 2661-R                  |
| 600A                 | 200A                     | No. 2662-R                  |
|                      | 400A                     | No. 2664-R*                 |

\*Single reducer only (pair not required).

\*\*\*Reducer No. 2621-R does not apply to LPN-RK-70SP to LPN-RK-100SP Fuses.

For additional information, see Data Sheet: 1118.



**For non-indicating version, the LPN-RK\_SP is available. See Data Sheet: 1004**