

# Low-Peak™ Dual-element, Time-delay Fuses

**LPN-RK\_SP (250V) Class RK1**

**LPS-RK\_SP (600V) Class RK1**

Available With  
Indication



**Specifications**

**Description:**

Current-limiting, dual-element, time-delay fuse; 10 seconds (minimum) at 500% rated amps (8 seconds for 0-30A sizes). Now available with optional indication on select ratings (see Catalog Numbers table).

**Dimensions:** See page 15 for Class RK1 dimensions.

**Ratings:**

Volts **LPN-RK:**

- 250Vac (or less)
- 125Vdc (0-60A)
- 250Vdc (70-600A)

**LPS-RK:**

- 600Vac (or less)
- 300Vdc

Amps — 1/10-600A

- IR — 300kA RMS Sym.
- 100kA DC

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

**Features and Benefits**

- Separate overload and short-circuit elements provide time delay for close sizing of high inrush loads linked with RK1 current-limitation and selective coordination ratio of 2:1 (within Low-Peak fuse family) prevents widespread blackouts.
- Inventory consolidation of Class RK1, RK5 and H fuses for reduced SKU investment and minimizing potential for misapplying fuse.
- 300kA RMS symmetrical interrupting rating provides adequate ratings without obsolescence for all electrical systems, big or small.
- Insulated end caps reduces exposure to live parts and extends air gap to distance between blades of adjacent mounted fuses or to housing.

**Data Sheets:** LPN-RK — 1003 (0-60) and 1004 (70-600)  
 LPN-RK with indication — 1066 (70-600)  
 LPS-RK — 1001 (0-60) and 1002 (70-600)  
 LPS-RK with indication — 1061 (0-60) and 1064 (70-600)

**Typical Applications**

- Large Distribution Switchboards
- Power Panelboards
- Motor Control Centers
- Machinery Disconnect Switches

**LPN Catalog Numbers (Amps)**

LPN-RK-1/10SP	LPN-RK-3-1/2SP	LPN-RK-60SP**
LPN-RK-1/20SP	LPN-RK-4SP	LPN-RK-70SP**
LPN-RK-1/30SP	LPN-RK-4-1/2SP	LPN-RK-80SP**
LPN-RK-1/40SP	LPN-RK-5SP	LPN-RK-90SP**
LPN-RK-1/50SP	LPN-RK-5-1/2SP	LPN-RK-100SP**
LPN-RK-1/60SP	LPN-RK-6SP	LPN-RK-110SP**
LPN-RK-1/70SP	LPN-RK-6-1/2SP	LPN-RK-125SP**
LPN-RK-1/80SP	LPN-RK-8SP	LPN-RK-150SP**
LPN-RK-1SP	LPN-RK-9SP	LPN-RK-175SP**
LPN-RK-1-1/2SP	LPN-RK-10SP	LPN-RK-200SP**
LPN-RK-1-1/4SP	LPN-RK-12SP	LPN-RK-225SP**
LPN-RK-1-1/30SP	LPN-RK-15SP	LPN-RK-250SP**
LPN-RK-1-1/20SP	LPN-RK-17-1/2SP	LPN-RK-300SP**
LPN-RK-1-1/30SP	LPN-RK-20SP	LPN-RK-350SP**
LPN-RK-2SP	LPN-RK-25SP	LPN-RK-400SP**
LPN-RK-2-1/2SP	LPN-RK-30SP	LPN-RK-450SP**
LPN-RK-2-1/2SP	LPN-RK-35SP**	LPN-RK-500SP**
LPN-RK-2-1/40SP	LPN-RK-40SP**	LPN-RK-600SP**
LPN-RK-3SP	LPN-RK-45SP**	
LPN-RK-3-1/2SP	LPN-RK-50SP**	

\*Meets all performance requirements of UL Standard 248-12 for Class RK1 fuses.  
 \*\*Available with optional indication. To order, place "I" at end of Catalog Number. Example: LPN-RK-35SP-I.  
 0-60A fuses available with Nickel plate option. (Ex: LPS-RK30SPNP) 70-600A fuses available with Tin plate option. Example: LPS-RK-100SP-TP.

**LPS Catalog Numbers - (Amps)**

LPS-RK-1/10SP	LPS-RK-2-1/2SP	LPS-RK-10SP**	LPS-RK-100SP**
LPS-RK-1/20SP	LPS-RK-2-1/2SP	LPS-RK-12SP**	LPS-RK-110SP**
LPS-RK-1/30SP	LPS-RK-2-1/40SP	LPS-RK-15SP**	LPS-RK-125SP**
LPS-RK-1/40SP	LPS-RK-3SP	LPS-RK-17-1/2SP**	LPS-RK-150SP**
LPS-RK-1/50SP	LPS-RK-3-1/2SP	LPS-RK-20SP**	LPS-RK-175SP**
LPS-RK-1/60SP	LPS-RK-3-1/2SP	LPS-RK-25SP**	LPS-RK-200SP**
LPS-RK-1/70SP	LPS-RK-4SP	LPS-RK-30SP**	LPS-RK-225SP**
LPS-RK-1SP	LPS-RK-4-1/2SP	LPS-RK-35SP**	LPS-RK-250SP**
LPS-RK-1-1/2SP	LPS-RK-5SP	LPS-RK-40SP**	LPS-RK-300SP**
LPS-RK-1-1/4SP	LPS-RK-5-1/2SP	LPS-RK-45SP**	LPS-RK-350SP**
LPS-RK-1-1/30SP	LPS-RK-6SP**	LPS-RK-50SP**	LPS-RK-400SP**
LPS-RK-1-1/20SP	LPS-RK-6-1/2SP**	LPS-RK-60SP**	LPS-RK-450SP**
LPS-RK-1-1/30SP	LPS-RK-7SP**	LPS-RK-70SP**	LPS-RK-500SP**
LPS-RK-1-1/40SP	LPS-RK-8SP**	LPS-RK-80SP**	LPS-RK-600SP**
LPS-RK-2SP	LPS-RK-9SP**	LPS-RK-90SP**	

\*Meets all performance requirements of UL Standard 248-12 for Class RK1 fuses.  
 \*\*Available with optional replace fuse indication. To order, place "I" at end of Catalog Number. Example: LPS-RK-15SP-I.

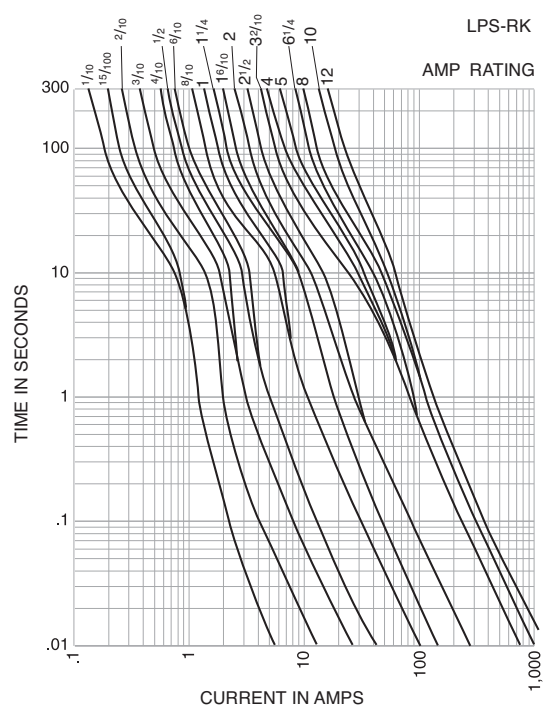
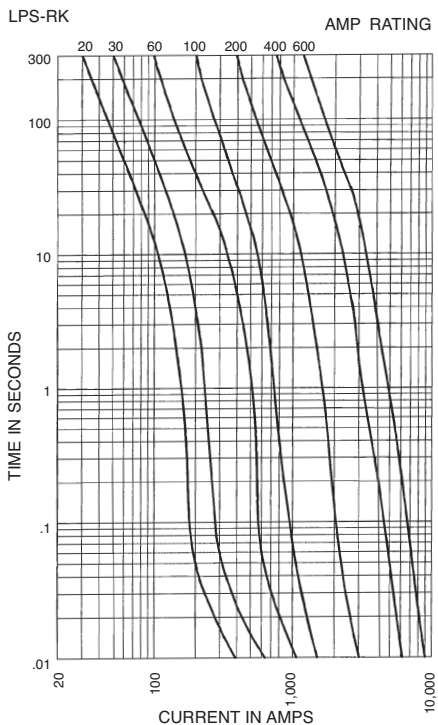
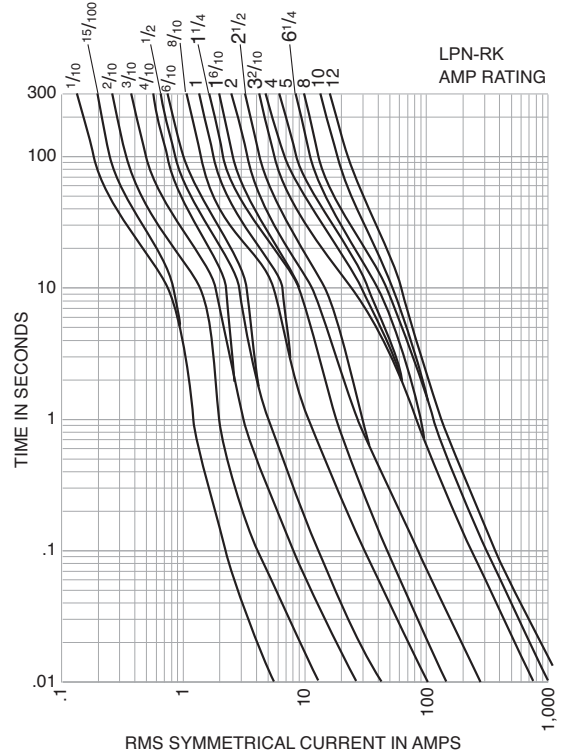
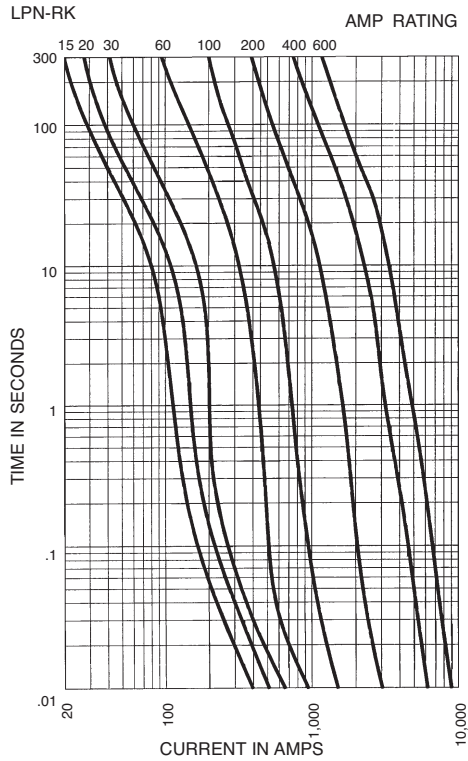
**Recommended Fuse Holders & Blocks For Class RK1 Fuses**

- See page 19

Low Voltage  
Branch Circuit  
Fuses

# Low-Peak™ Dual-element, Time-delay Fuses

## Time-Current Characteristic Curves—Average Melt



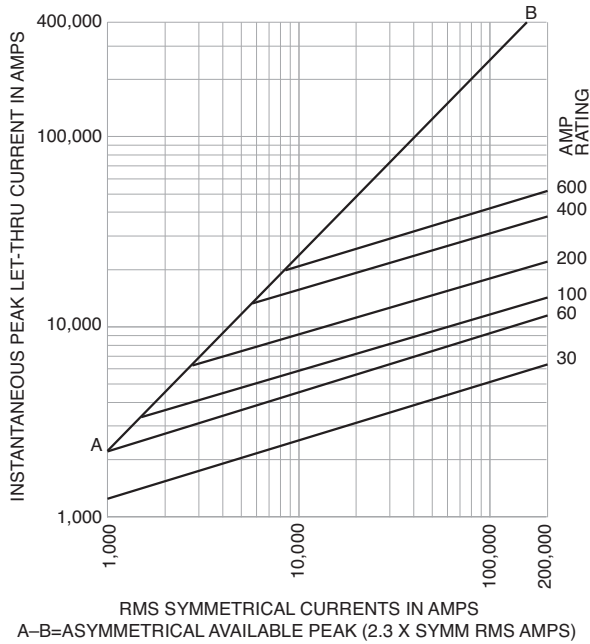
Data Sheets: LPN-RK — 1003 (0-60) and 1004 (70-600)  
Data Sheets: LPS-RK — 1001 (0-60) and 1002 (70-600)

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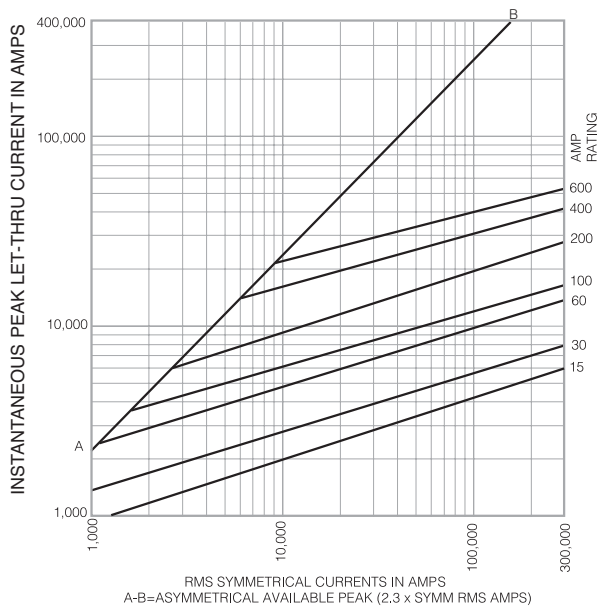
# Low-Peak™ Dual-element, Time-delay Fuses

Low Voltage  
Branch Circuit  
Fuses

**Current Limitation Curves—LPN-RK**



**Current Limitation Curves—LPS-RK**



Data Sheets: LPN-RK — 1003 (0-60) and 1004 (70-600)  
Data Sheets: LPS-RK — 1001 (0-60) and 1002 (70-600)

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• See page 19