

### 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 1-5 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, 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) helps prevent 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.

#### 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-1-1/3SP	LPN-RK-15SP	LPN-RK-250SP*
LPN-RK-1-1/2SP	LPN-RK-17-1/2SP	LPN-RK-300SP*
LPN-RK-1-1/4SP	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-2-1/4SP	LPN-RK-35SP*	LPN-RK-500SP*
LPN-RK-2-1/3SP	LPN-RK-40SP*	LPN-RK-600SP*
LPN-RK-3SP	LPN-RK-45SP*	
LPN-RK-3-1/2SP	LPN-RK-50SP*	

\*Available with optional indication. To order, place "I" at end of catalog number. Example: LPN-RK-35SPL.

0-600A 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-2-1/4SP	LPS-RK-12SP*	LPS-RK-110SP*
LPS-RK-1/30SP	LPS-RK-2-1/3SP	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-3-1/4SP	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-1-1/3SP	LPS-RK-6SP*	LPS-RK-50SP*	LPS-RK-400SP*
LPS-RK-1-1/2SP	LPS-RK-6-1/2SP*	LPS-RK-60SP*	LPS-RK-450SP*
LPS-RK-1-1/4SP	LPS-RK-7SP*	LPS-RK-70SP*	LPS-RK-500SP*
LPS-RK-1-1/3SP	LPS-RK-8SP*	LPS-RK-80SP*	LPS-RK-600SP*
LPS-RK-2SP	LPS-RK-9SP*	LPS-RK-90SP*	

\*Available with optional replace fuse indication. To order, place "I" at end of Catalog Number. Example: LPS-RK-15SPL.

Low voltage branch circuit fuses

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

#### Recommended fuse holders and blocks for Class RK1 fuses

- See page 1-3