

KLU Class Limitron time-delay fuses

Time-delay, Class L fuses - 5 seconds (minimum) at 500% rated amps. For superior electrical protection, Eaton recommends upgrading KLU fuse applications to Bussmann series Low-Peak KRP-C fuses, see page 1-22. Use KRP-CL for current ratings under 601 A. For dimensions, see page 1-4.

Ratings

- Volts 600 Vac (or less)
- Amps 601-4000 A
- IR 200 kA RMS Sym.

Agency information

- UL Listed, Std 248-10, Class L, Guide JDDZ, File E4273, CSA Certified, CSA Class 1422-02, File 53787, RoHS compliant, CE

Features

- 200 kA interrupting rating provides protection at all circuit locations
- Economical protection for high-fault current circuits

Typical applications

- Large distribution switchboards
- Power panelboards
- Large machinery disconnects



LPN-RK_SP (250 V) and LPS-RK_SP (600 V) Class RK1 Low-Peak dual-element, time-delay fuses

Current-limiting, dual-element, time-delay Class RK1 fuses; 10 seconds (minimum) at 500% rated amps (8 seconds for 0-30 A sizes). Available with optional indication on select ratings (see catalog numbers table). For dimensions, see page 1-3.

Ratings

- Volts
 - LPN-RK
 - 250 Vac (or less)
 - 125 Vdc* (0-60 A)
 - 250 Vdc* (70-600 A)
 - LPS-RK
 - 600 Vac (or less)
 - 300 Vdc*

- Amps 1/10-600 A
- IR
 - 300 kA RMS Sym.
 - 100 kA DC

* Does not apply to indicating versions.

Agency information

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

Features

- 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
- 300 kA 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



Catalog no. (amps)

KLU-601	KLU-1000	KLU-1800	KLU-4000
KLU-650	KLU-1200	KLU-2000	
KLU-700	KLU-1500	KLU-2500	
KLU-800	KLU-1600	KLU-3000	

Recommended blocks for Class L fuses, see page 1-2.

Catalog no. (amps)
250 V LPN-RK*

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

600 V LPS-RK

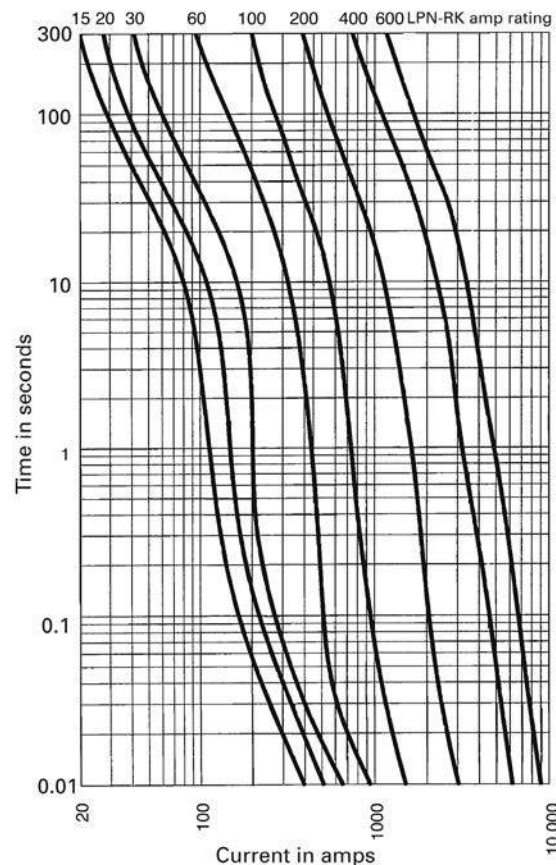
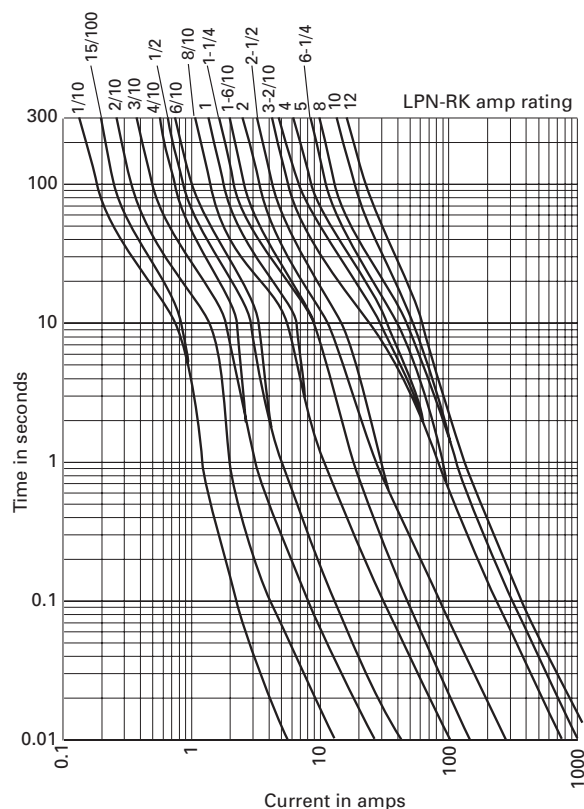
LPS-RK-1/10SP	LPS-RK-2-1/4SP	LPS-RK-10SP**	LPS-RK-100SP**
LPS-RK-2/10SP	LPS-RK-2-1/2SP	LPS-RK-12SP**	LPS-RK-110SP**
LPS-RK-3/10SP	LPS-RK-2-8/10SP	LPS-RK-15SP**	LPS-RK-125SP**
LPS-RK-4/10SP	LPS-RK-3SP	LPS-RK-17-1/2SP**	LPS-RK-150SP**
LPS-RK-1/2SP	LPS-RK-3-2/10SP	LPS-RK-20SP**	LPS-RK-175SP**
LPS-RK-6/10SP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

* 0-60 A fuses available with Nickel plate option. Example: LPS-RK30SPNP).

70-600 A fuses available with tin-plate option. Example: LPS-RK-100SP-Tp.

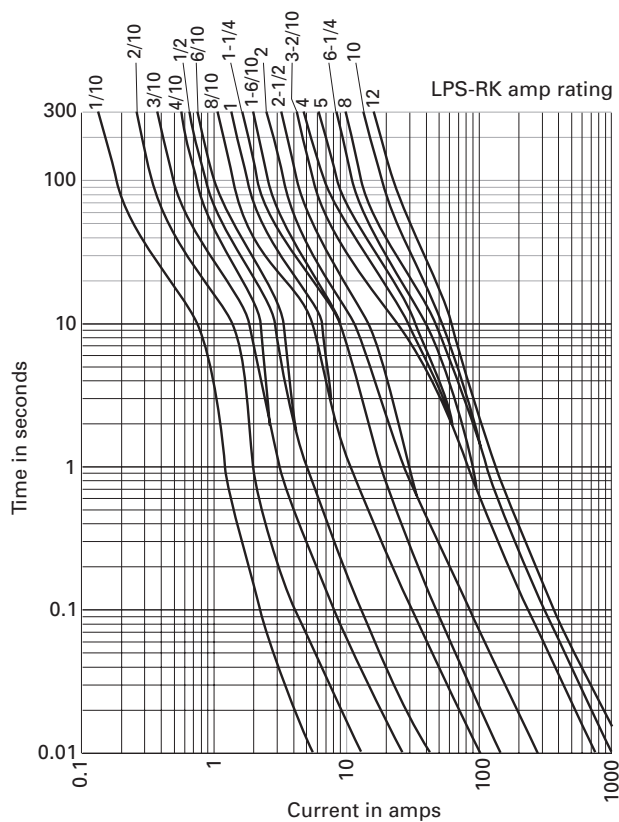
** Available with optional indication; to order, place "I" at end of catalog number
Example: LPN-RK-35SPI or LPS-RK-15SPI.

Recommended blocks for Class RK1 fuses, see page 1-2.

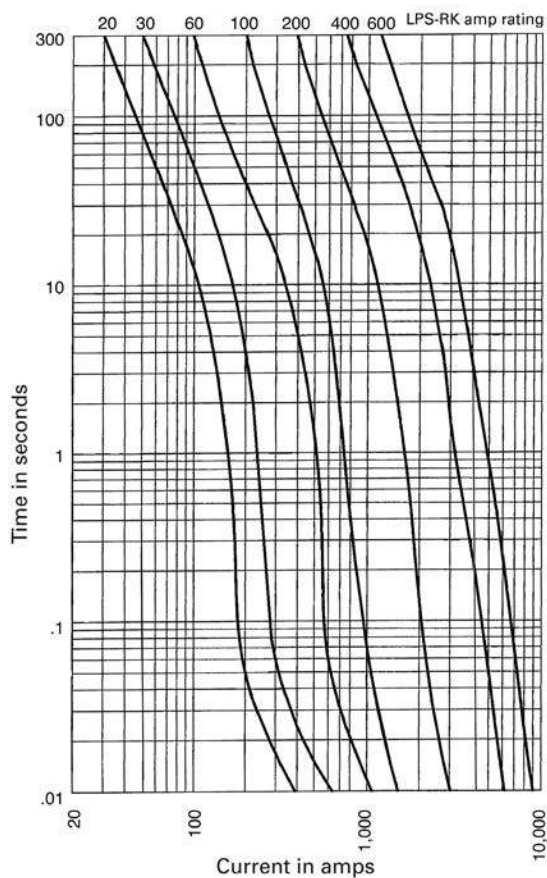
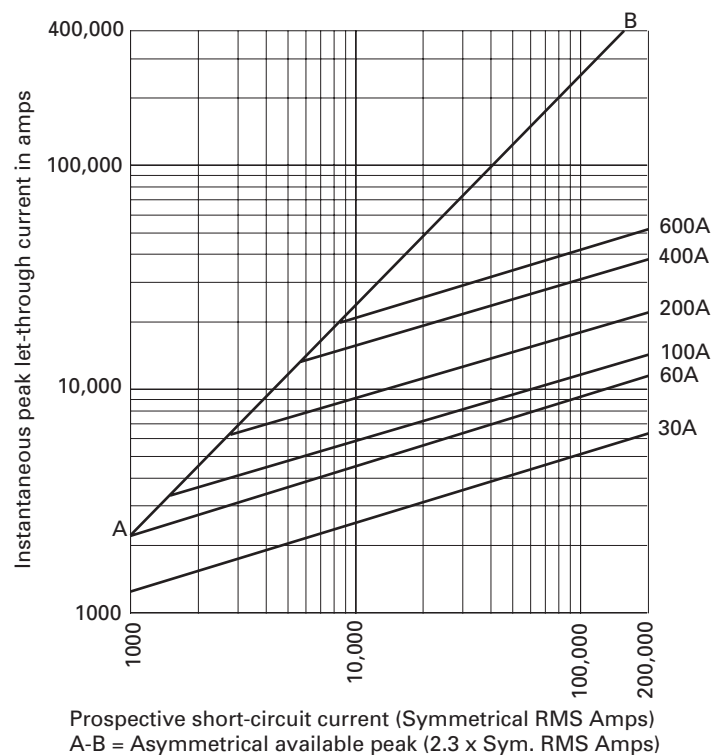
LPN Time-current characteristics — average melt


Data sheet no. LPN-RK 1003 (up to 60 A), 1007 (70-600 A)
LPS-RK 1001 (up to 60 A), 1002 (70-600 A)

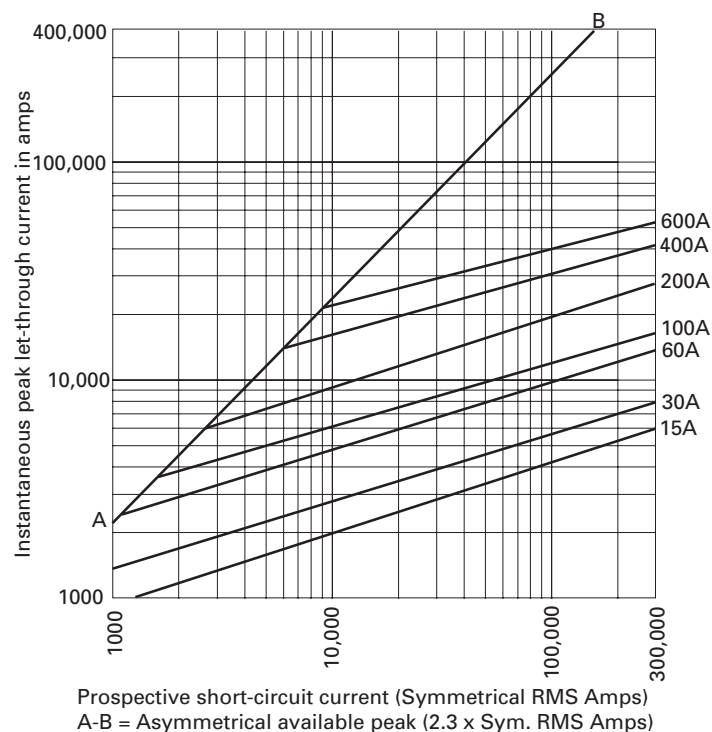
LPS Time-current characteristics — average melt



LPN Current limitation curves



LPS Current limitation curves



Data sheet no. LPN-RK 1003 (up to 60 A), 1007 (70-600 A)
LPS-RK 1001 (up to 60 A), 1002 (70-600 A)