

# LOW-PEAK® Time-Delay Fuses

Class L – 600 Volt

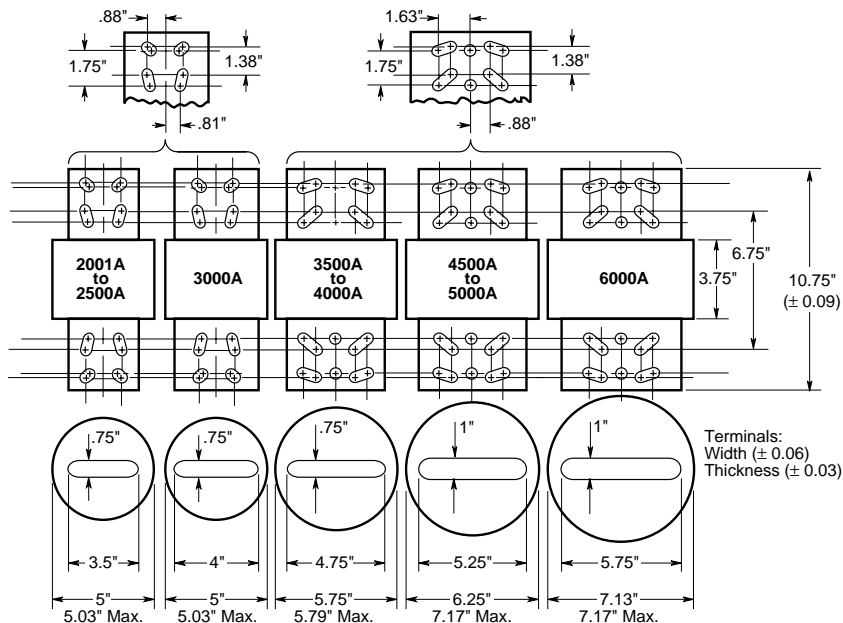
# KRP-C

# 2001-6000A



### Dimensional Data

Hole diameters and slot widths (±0.03)  
All other tolerances (± 0.02)



**Catalog Symbol:** KRP-C\_SP

Time-Delay – 4 seconds (minimum) at 500% rated current  
Current-Limiting

**Ampere Rating:** 2001 to 6000 Amperes

**Voltage Rating:** 600 Volts AC (or less)\*

**Interrupting Rating:** 300,000A RMS Sym. (UL)

**Agency Approvals:**

UL Listed – Special Purpose<sup>†</sup>, Guide JFHR, File E56412

CSA Certified (200,000 AIR), Class 1422-02, File 53787

Class L per CSA-C22.2 No. 248.10

\*601-3000A is rated 340 VDC and 50 KAIC.

†Meets all performance requirements of UL Standard 248-10 for Class L fuses.

**Ampere Ratings†**

Catalog Number	Ctn. Qty.	Weight**		Catalog Number	Ctn. Qty.	Weight**	
		Lbs.	Kg.			Lbs.	Kg.
KRP-C-2001SP	1	17.25	7.824	KRP-C-4500SP	1	29	13.154
KRP-C-2400SP				KRP-C-5000SP			
KRP-C-2500SP				KRP-C-6000SP			
KRP-C-3000SP	1	18.25	8.278				
KRP-C-3500SP	1	23.50	10.659				
KRP-C-3800SP							
KRP-C-4000SP							

†Special purpose rating of 300,000 AIR.

\*\*Weight per carton.

**General Information:**

- All purpose silver-linked fuse for both overload and short-circuit protection for high capacity systems (mains and large feeders).
- Time-delay (minimum of four seconds at five times amp rating) for close sizing.
- Current-limiting action of the fuse generally affords considerable reduction in bus bracing.
- Interrupting rating of 300,000 amperes complies with NEC Sections 110-9 and 230-65 for today's large capacity systems.
- O-ring seals maximize pressure build-up during current-limiting action and ensure filler retention.
- High grade silica-sand filler; accelerates response of fuse to short-circuits by having quenching effect upon the fuse arc.
- 99.9% pure silver fuselinks. The high conductivity of silver gives low watt loss and low operating temperature at normal current levels; maximizes total clearing I<sup>2</sup>t fault energy let-through.
- Selective coordination (blackout prevention)
- Glass melamine tube.
- Silver-plated end bells.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

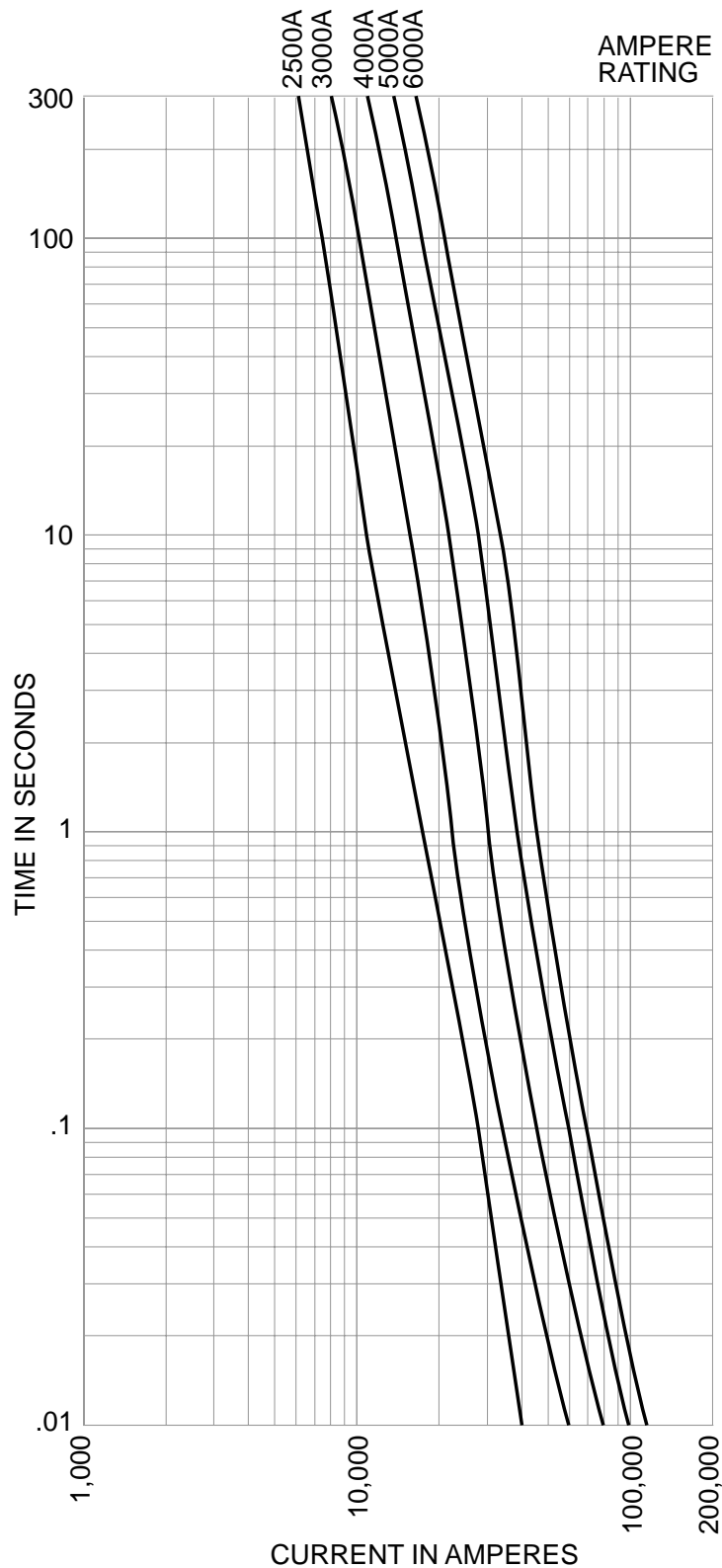
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Time-Current Characteristic Curves—Average Melt



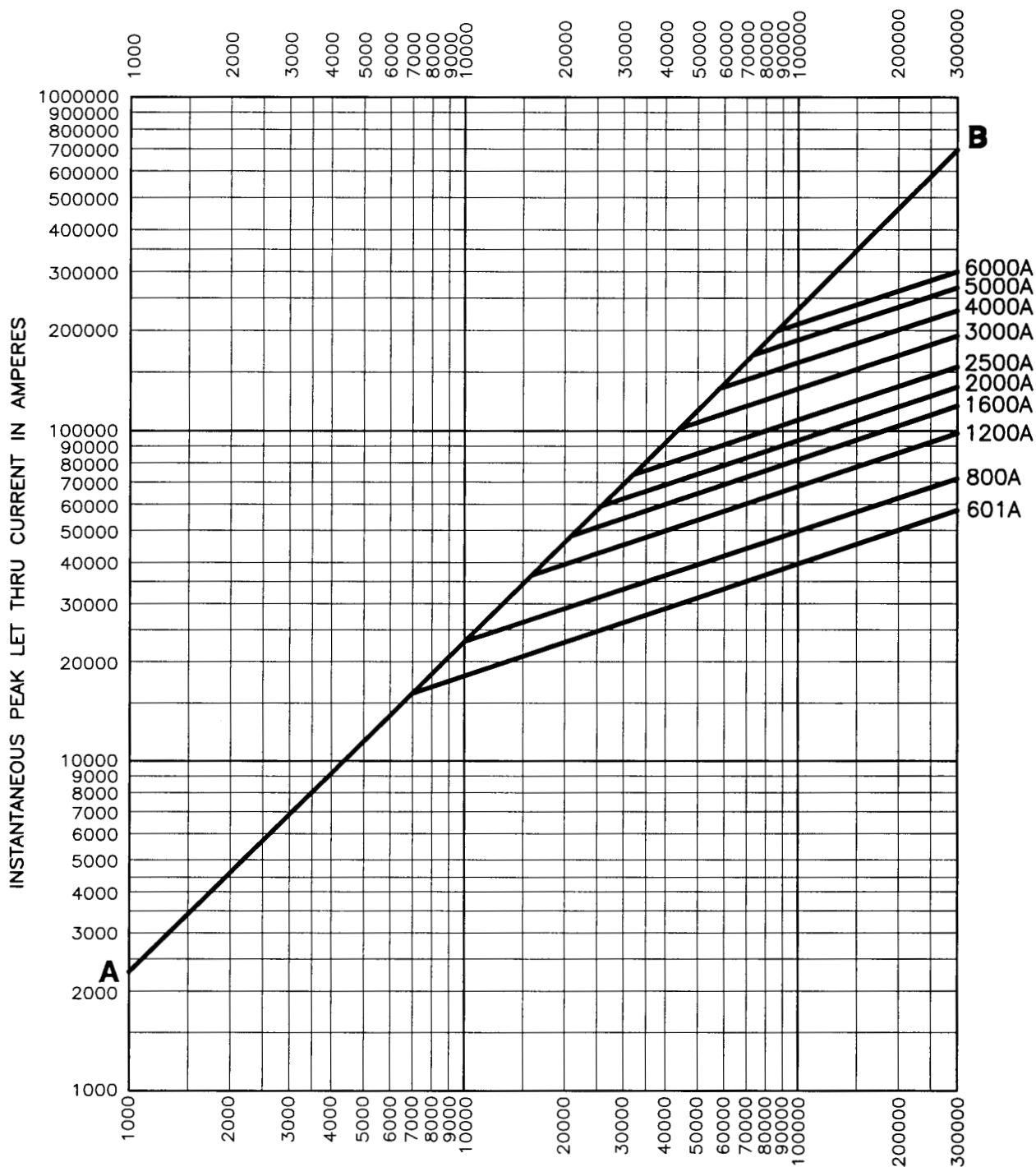
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## Current-Limitation Curves



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