

# LOW-PEAK® Time-Delay Fuses

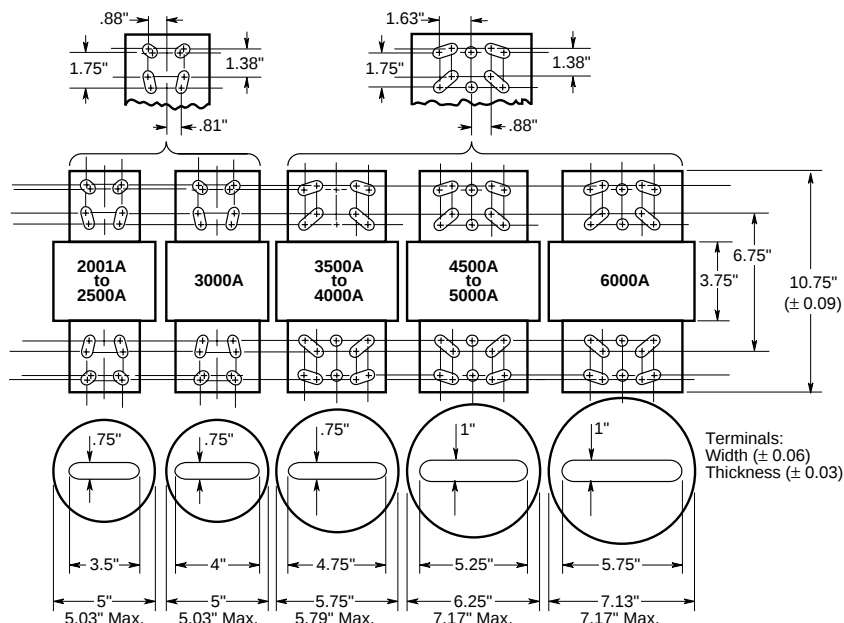
## Class L – 600 Volt

# KRP-C

## 2001-6000A

### Dimensional Data

Hole diameters and slot widths ( $\pm 0.03$ )  
All other tolerances ( $\pm 0.02$ )



### 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**<br>Lbs. | Kg.    | Catalog Number | Ctn. Qty. | Weight**<br>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   | 1         | 36               | 16.329 |
| 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.

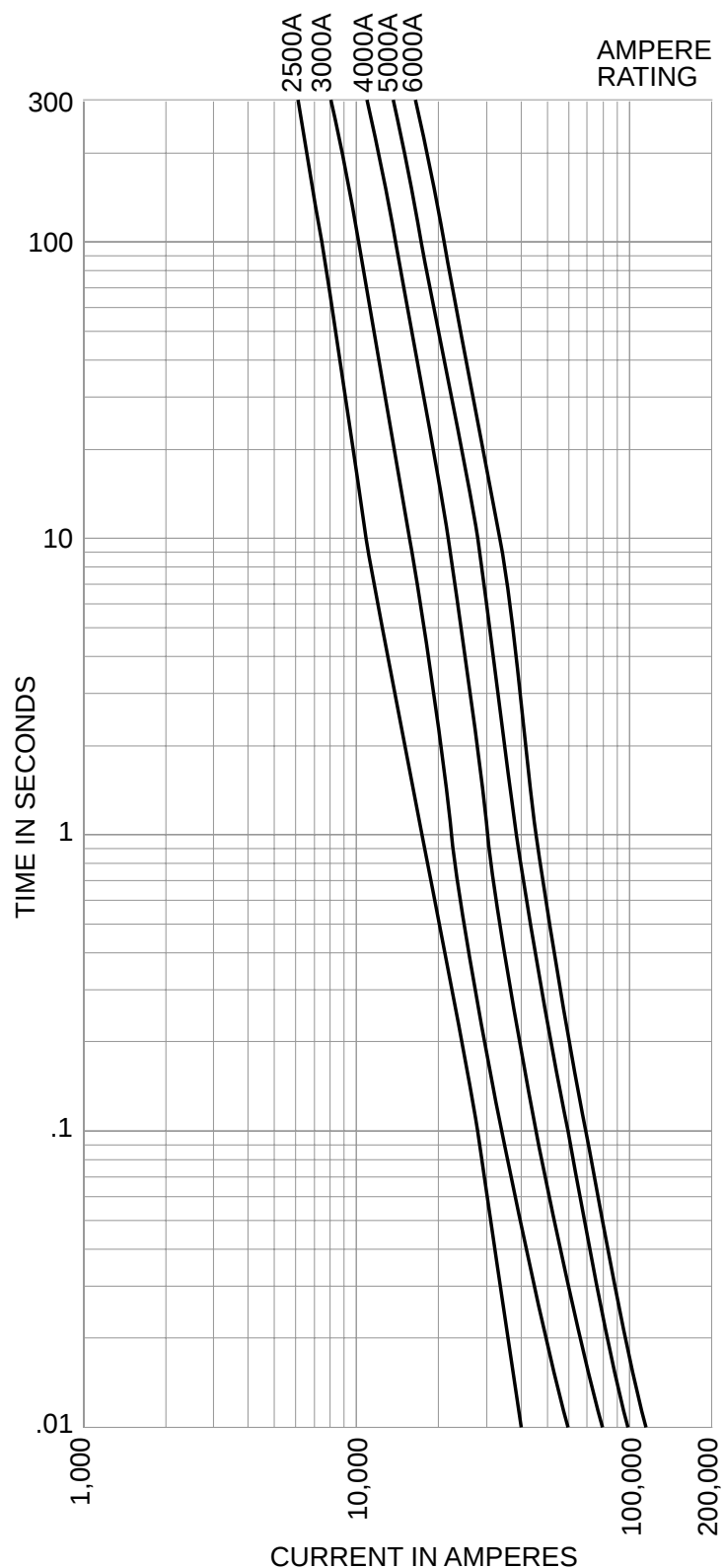
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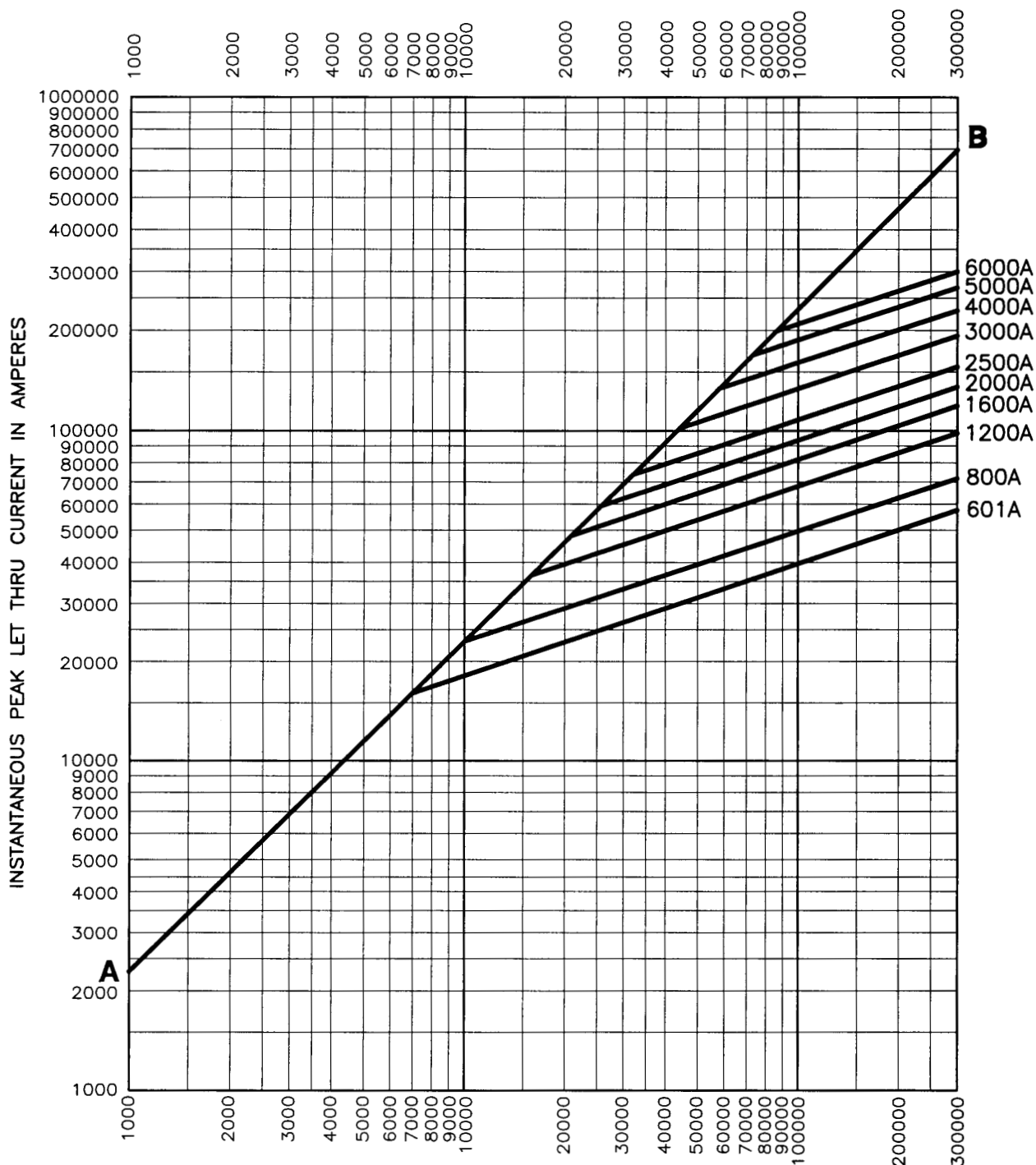
**Class L – 600 Volt**

**KRP-C**

**2001-6000A**

**Time-Current Characteristic Curves—Average Melt**



**LOW-PEAK® Time-Delay Fuses****Class L – 600 Volt****KRP-C****2001-6000A****Current-Limitation Curves**

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