

# Low-Peak™ KRP-C Class L 600Vac, 2001-6000A, 300Vdc 3000A time-delay fuses



**Catalog symbol:**

KRP-C-(amp)SP

**Description:**

Bussmann® series Ultimate protection KRP-C Class L current-limiting, time-delay fuses. Time-delay – 4 seconds (minimum) at 500% of rated current.

**Specifications:**

**Ratings**

- Volts
  - 600Vac (2001-6000A)
  - 300Vdc (3000A)
- Amps 2001-6000A
- IR
  - 300kA Vac RMS Sym. (2001-6000A)
  - 100kA Vdc (3000A)

**Agency information**

- UL® Listed, Guide JDDZ, File E4273
- CSA® Certified, Class 1422-02, File 53787, Class L per CSA-C22.2 No. 248.10
- CE
- RoHS compliant

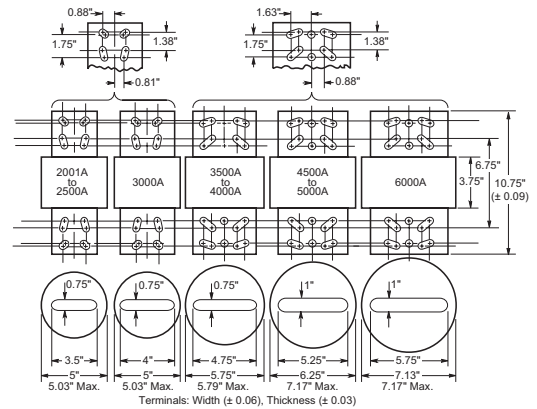
**Catalog numbers (amps)**

|              |              |              |
|--------------|--------------|--------------|
| KRP-C-2001SP | KRP-C-3500SP | KRP-C-5000SP |
| KRP-C-2400SP | KRP-C-3800SP | KRP-C-6000SP |
| KRP-C-2500SP | KRP-C-4000SP |              |
| KRP-C-3000SP | KRP-C-4500SP |              |

**Carton quantity:**

| Amp rating | Carton qty. |
|------------|-------------|
| 2001-6000  | 1           |

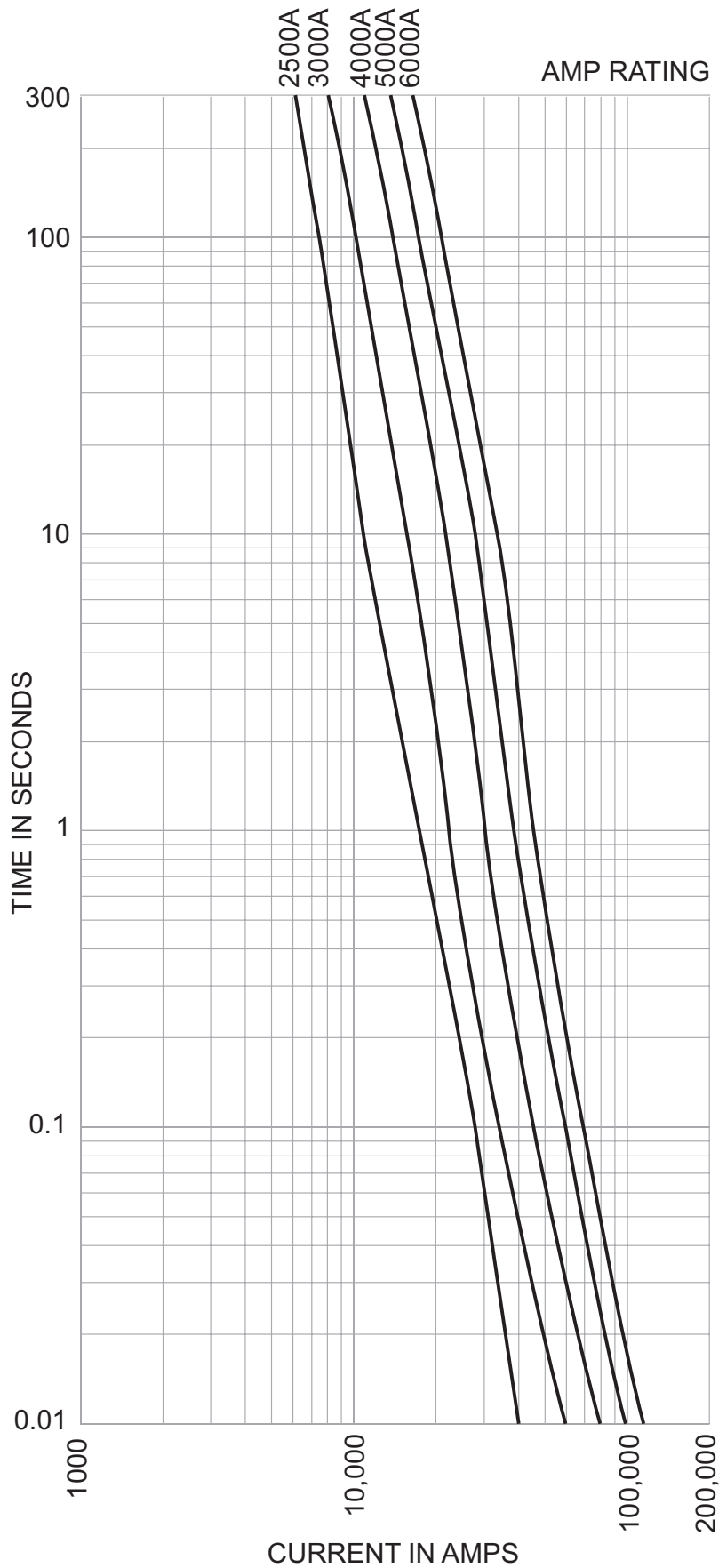
**Dimensions - in:**



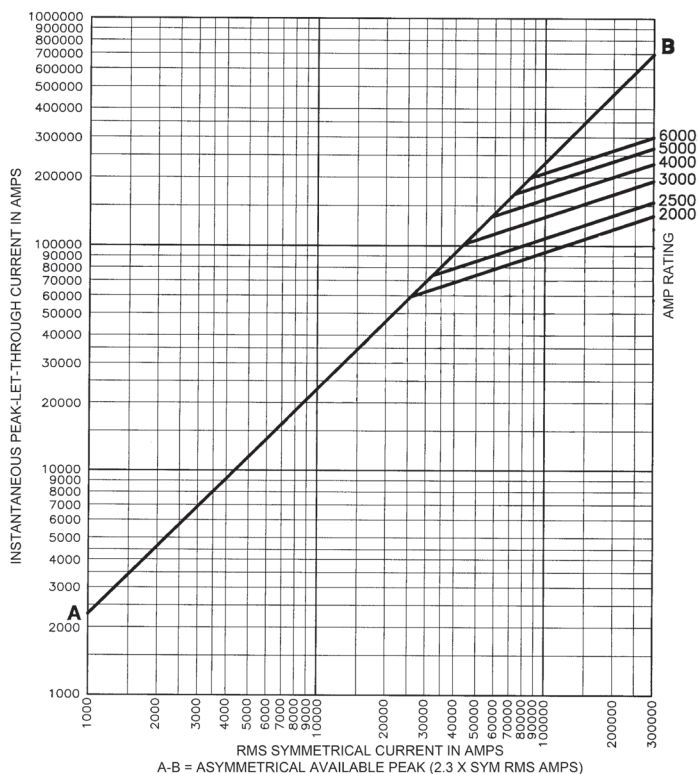
**Features:**

- Industry’s only UL Listed and CSA Certified fuse with a 300kA interrupting rating that allows for simple, worry-free installation in virtually any application.
- Fast short-circuit protection with time-delay performance provide ultimate protection.
- Consistent 2:1 ampacity ratios for all Low-Peak fuses make selective coordination easy.
- Time-delay for close sizing load.
- Current-limiting action of the fuse generally affords considerable reduction in bus bracing.
- All-purpose silver-linked fuse for both overload and short-circuit protection for high capacity systems (mains and large feeders).
- O-ring seals maximize pressure build-up during current-limiting action and ensure filter retention.
- High-grade silica sand filler accelerates response of fuse to short-circuits by having quenching effect on the fuse arc.
- 99.9% pure silver links provide low watt loss with low operating temperature on normal current levels and minimizes total clearing I<sup>2</sup>t fault energy left-through.

**Time-current curves - average melt:**



**Current-limitation curves:**



**Current-limiting effects:**

| Prospective S.C.C. | Let-through current<br>(apparent RMS symmetrical vs. fuse rating) |        |         |         |         |
|--------------------|---|--------|---------|---------|---------|
|                    | 2500A   | 3000A  | 4000A   | 5000A   | 6000A   |
| 5000               | 5000  | 5000   | 5000    | 5000    | 5000    |
| 10,000             | 10,000  | 10,000 | 10,000  | 10,000  | 10,000  |
| 15,000             | 15,000  | 15,000 | 15,000  | 15,000  | 15,000  |
| 20,000             | 20,000  | 20,000 | 20,000  | 20,000  | 20,000  |
| 25,000             | 25,000  | 25,000 | 25,000  | 25,000  | 25,000  |
| 30,000             | 30,000  | 30,000 | 30,000  | 30,000  | 30,000  |
| 35,000             | 35,000  | 35,000 | 35,000  | 35,000  | 35,000  |
| 40,000             | 35,000  | 40,000 | 40,000  | 40,000  | 40,000  |
| 50,000             | 37,000  | 50,000 | 50,000  | 50,000  | 50,000  |
| 60,000             | 40,000  | 49,000 | 60,000  | 60,000  | 60,000  |
| 70,000             | 42,000  | 52,000 | 62,000  | 70,000  | 70,000  |
| 80,000             | 44,000  | 54,000 | 65,000  | 76,000  | 80,000  |
| 90,000             | 45,000  | 56,000 | 67,000  | 79,000  | 90,000  |
| 100,000            | 47,000  | 58,000 | 70,000  | 81,000  | 100,000 |
| 150,000            | 54,000  | 67,000 | 80,000  | 93,000  | 104,000 |
| 200,000            | 59,000  | 73,000 | 87,000  | 102,000 | 114,000 |
| 250,000            | 64,000  | 79,000 | 94,000  | 110,000 | 123,000 |
| 300,000            | 68,000  | 84,000 | 100,000 | 117,000 | 130,000 |

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**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
Eaton.com

Bussmann Division  
114 Old State Road  
Ellisville, MO 63021  
United States  
Eaton.com/bussmannseries

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