

## KRP-C — 600Vac/300Vdc, 601-2000A, Time-Delay Fuses



**Description:** Ultimate protection Class L dual element, current-limiting, time-delay fuses. Time-delay – 4 seconds (minimum) at 500% of rated current.

**Catalog Symbol:** KRP-C-(amp)SP

### Ratings:

- Volts — 600Vac, 300Vdc
- Amps — 601-2000A\*
- IR — 300kA Vac RMS Sym.
- 100kA Vdc

\* Use KRP-CL fuses for current ratings from 225 to 600 amps.

### Agency Information:

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

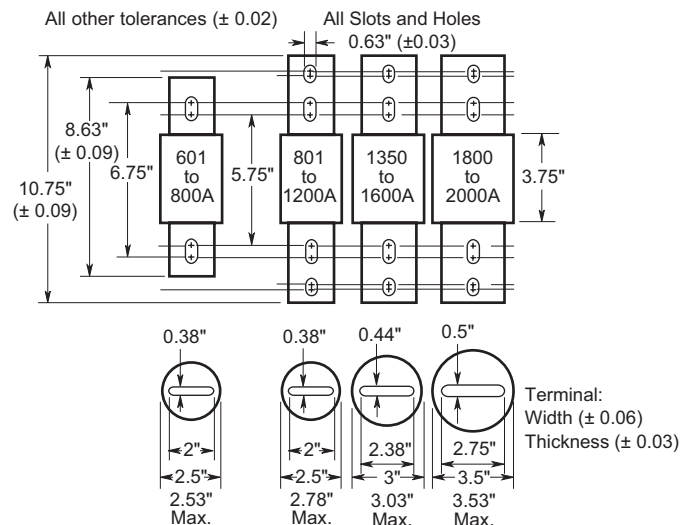
### Catalog Numbers (amps)

|             |              |              |
|-------------|--------------|--------------|
| KRP-C-601SP | KRP-C-900SP  | KRP-C-1500SP |
| KRP-C-650SP | KRP-C-1000SP | KRP-C-1600SP |
| KRP-C-700SP | KRP-C-1100SP | KRP-C-1800SP |
| KRP-C-750SP | KRP-C-1200SP | KRP-C-1900SP |
| KRP-C-800SP | KRP-C-1350SP | KRP-C-2000SP |
| KRP-C-801SP | KRP-C-1400SP |              |

### Carton Quantity and Weight

| Amp Rating | Carton Qty. |
|------------|-------------|
| 601-800    | 1           |
| 801-1200   | 1           |
| 1350-1600  | 1           |
| 1800-2000  | 1           |

### Dimensions - in



### Features:

- Industry's only UL Listed and CSA Certified fuse with a 300kA Vac interrupting rating that exceeds requirements for virtually all applications
- Fast short-circuit protection provides optimal arc flash protection to reduce hazard to personnel
- Easy selective coordination with all Low-Peak fuses using simple 2:1 ampacity ratio
- All-purpose silver-linked fuse for both overload and short-circuit protection for high capacity systems (mains and large feeders)
- Time-delay for close sizing to load
- Current-limiting action of the fuse generally affords considerable reduction in bus bracing
- 300kA Interrupting rating 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 links for high conductivity with low watt loss and low operating temperature at normal current levels; minimizes total clearing I<sup>2</sup>t fault energy let-through
- Glass melamine tube
- Silver-plated end bells

### Recommended Fuse Blocks — 601 to 1200 Amps†

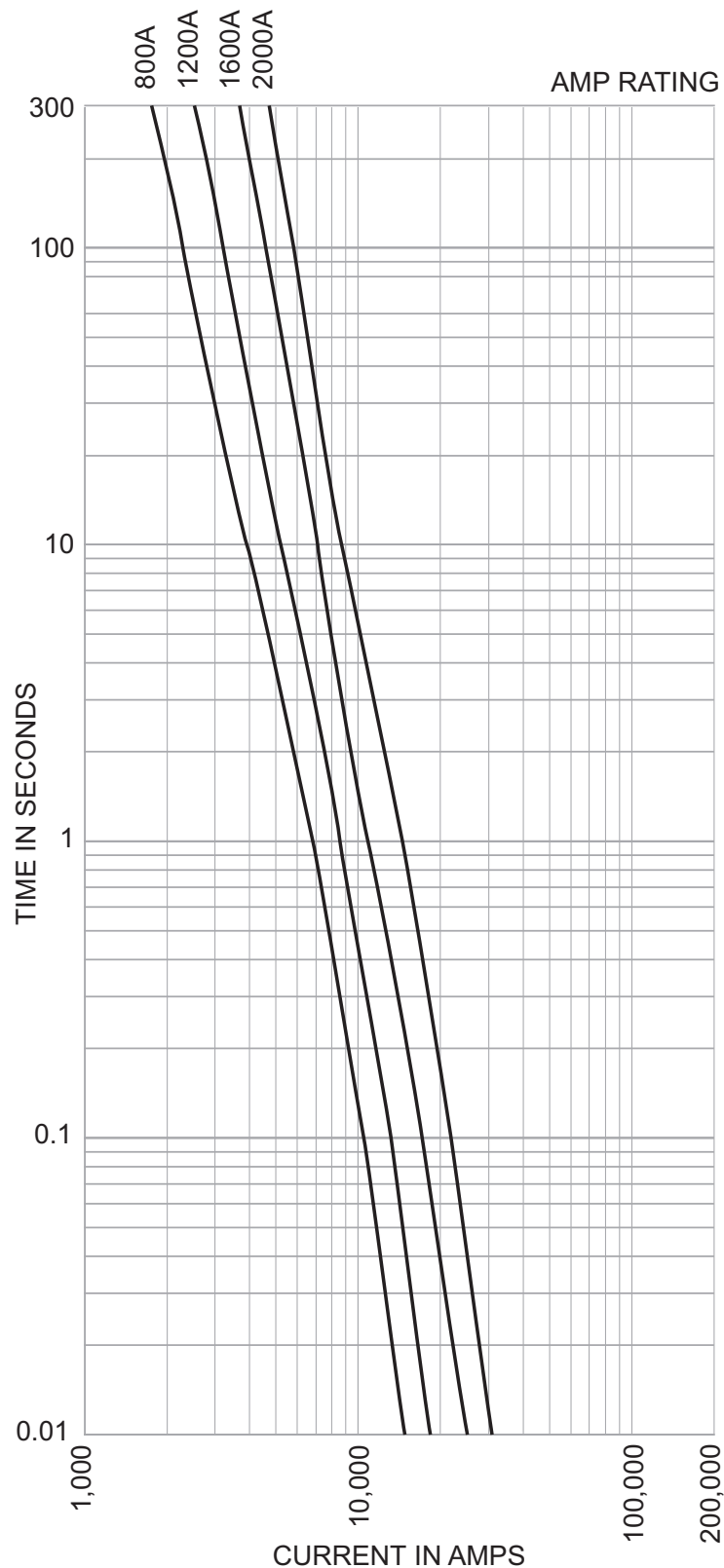
| Catalog Numbers | Poles |
|-----------------|-------|
| 51215           | 1     |
| 51235           | 3     |

† No Agency listings available.

No reducers available.

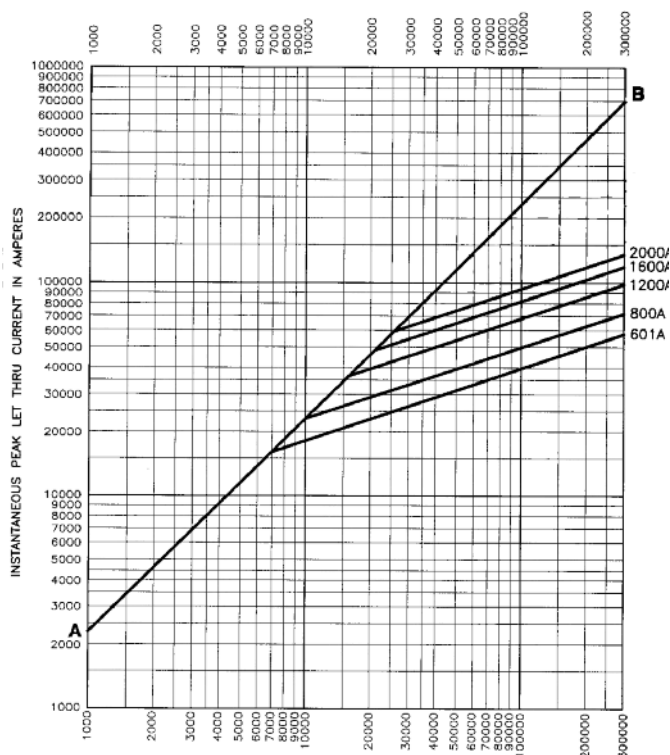
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### Time-Current Curves - Average Melt



## KRP-C — 600Vac/300Vdc, 601-2000A, Time-Delay Fuses

### Current-Limitation Curves



### Current-Limiting Effects

| Prospect.<br>S.C.C. | Let-Through Current<br>(Apparent RMS Symmetrical Vs. Fuse Rating) |        |        |        |        |
|---------------------|-------------------------------------------------------------------|--------|--------|--------|--------|
|                     | 601A                                                              | 800A   | 1200A  | 1600A  | 2000A  |
| 5000                | 5000                                                              | 5000   | 5000   | 5000   | 5000   |
| 10,000              | 8000                                                              | 10,000 | 10,000 | 10,000 | 10,000 |
| 15,000              | 9000                                                              | 12,000 | 15,000 | 15,000 | 15,000 |
| 20,000              | 10,000                                                            | 13,000 | 17,000 | 20,000 | 20,000 |
| 25,000              | 11,000                                                            | 14,000 | 19,000 | 22,000 | 25,000 |
| 30,000              | 11,000                                                            | 14,000 | 20,000 | 24,000 | 27,000 |
| 35,000              | 12,000                                                            | 15,000 | 21,000 | 25,000 | 29,000 |
| 40,000              | 13,000                                                            | 16,000 | 22,000 | 26,000 | 30,000 |
| 50,000              | 14,000                                                            | 17,000 | 23,000 | 28,000 | 32,000 |
| 60,000              | 15,000                                                            | 18,000 | 25,000 | 30,000 | 34,000 |
| 70,000              | 15,000                                                            | 19,000 | 26,000 | 32,000 | 36,000 |
| 80,000              | 16,000                                                            | 20,000 | 27,000 | 33,000 | 38,000 |
| 90,000              | 17,000                                                            | 21,000 | 29,000 | 34,000 | 39,000 |
| 100,000             | 17,000                                                            | 22,000 | 30,000 | 36,000 | 41,000 |
| 150,000             | 20,000                                                            | 25,000 | 34,000 | 41,000 | 47,000 |
| 200,000             | 22,000                                                            | 27,000 | 37,000 | 45,000 | 51,000 |
| 250,000             | 24,000                                                            | 29,000 | 40,000 | 49,000 | 55,000 |
| 300,000             | 25,000                                                            | 31,000 | 43,000 | 52,000 | 59,000 |

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