

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



Description: Ultimate protection Class L 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

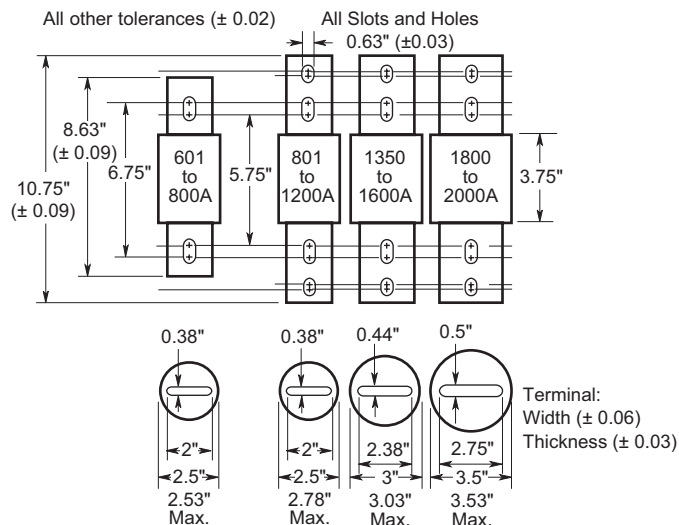
Catalog Numbers (amps)

| | | |
|-------------|--------------|--------------|
| 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:

| Amp Rating | Carton Qty. |
|------------|-------------|
| 601-2000 | 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 I²t fault energy left-through.

Recommended Fuse Blocks — 601 to 1200 Amps†

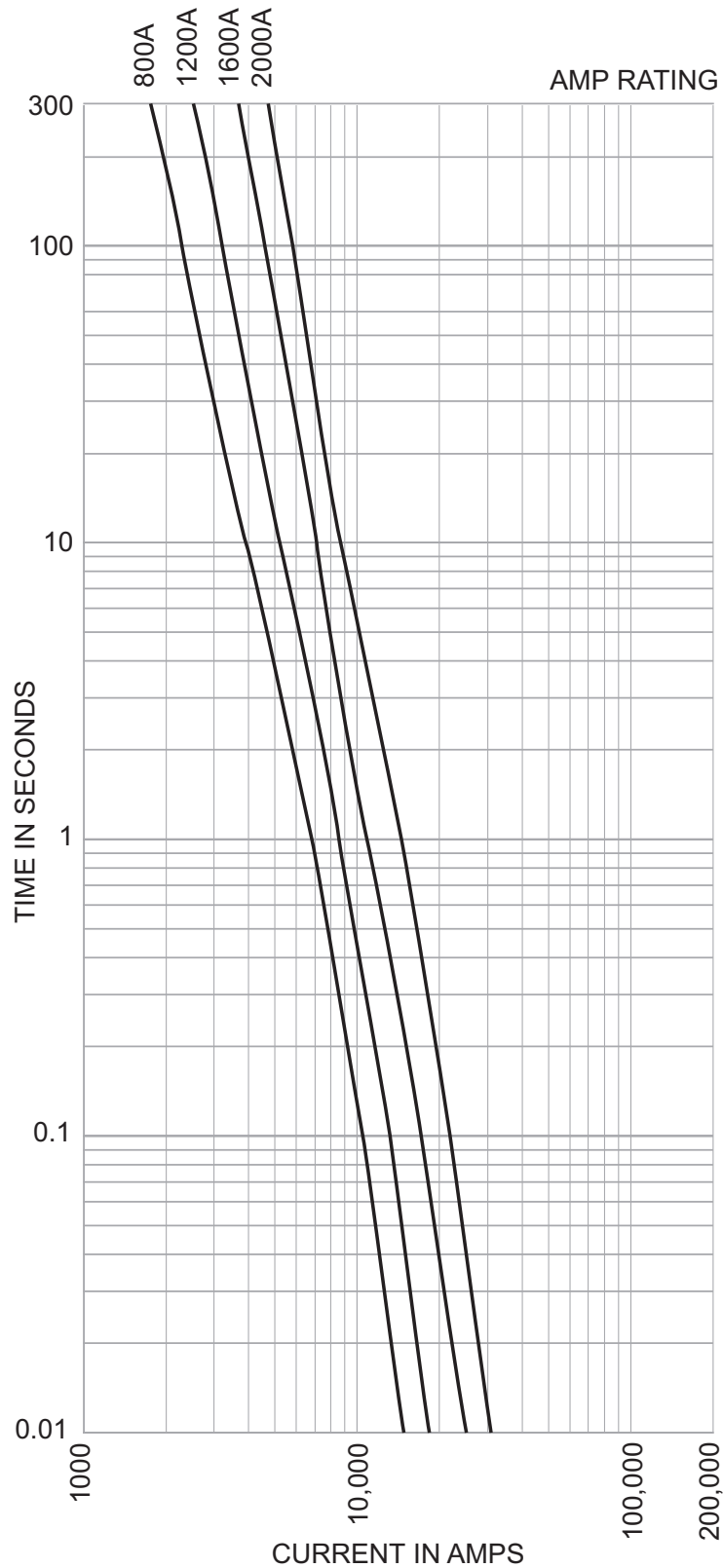
| Catalog Numbers | Poles |
|-----------------|-------|
| 51215 | 1 |
| 51235 | 3 |

† No Agency listings available.

No reducers available.

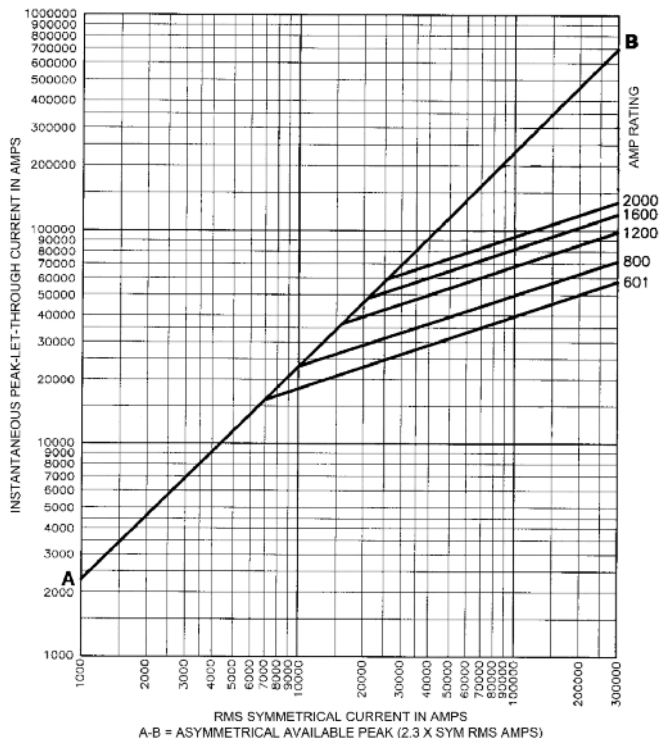
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Time-Current Curves - Average Melt



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Current-Limitation Curves



Current-Limiting Effects

| Prosp. S.C.C. | Let-Through Current (Apparent RMS Symmetrical Vs. Fuse Rating) | | | | |
|------------------|---|--------|--------|--------|--------|
| | 601A | 800A | 1200A | 1600A | 2000A |
| — | 5000 | 5000 | 5000 | 5000 | 5000 |
| 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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