

LOW-PEAK®

LPN-RK

Dual-Element, Time-Delay Fuses Class RK1 – 250 Volt

1/10-60A



Catalog Symbol: LPN-RK_SP

Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current (8 seconds for 0-30A sizes)

Current-Limiting

Ampere Rating: 1/10 to 60 Amperes

Voltage Rating: 250 Volts AC (or less)

Interrupting Rating:

AC: 300,000A RMS Sym.

DC: 50,000 Amperes

Agency Approvals:

UL Listed – Special Purpose*, Guide JFHR, File E56412

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

Class RK1 per CSA C22.2, No. 248.12

*Meets all performance requirements of UL Standard 248-12 for Class RK1 fuses.

Catalog Numbers

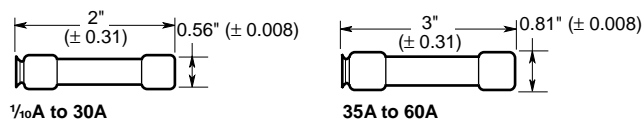
| | | |
|-----------------|-----------------|-----------------|
| LPN-RK-1/10SP | LPN-RK-2SP | LPN-RK-9SP |
| LPN-RK-1/100SP | LPN-RK-2 1/4SP | LPN-RK-10SP |
| LPN-RK-2/10SP | LPN-RK-2 1/2SP | LPN-RK-12SP |
| LPN-RK-3/10SP | LPN-RK-2 9/10SP | LPN-RK-15SP |
| LPN-RK-4/10SP | LPN-RK-3SP | LPN-RK-17 1/2SP |
| LPN-RK-1/2SP | LPN-RK-3 3/10SP | LPN-RK-20SP |
| LPN-RK-9/10SP | LPN-RK-3 1/2SP | LPN-RK-25SP |
| LPN-RK-9/10SP | LPN-RK-4SP | LPN-RK-30SP |
| LPN-RK-1SP | LPN-RK-4 1/2SP | LPN-RK-35SP |
| LPN-RK-1 1/8SP | LPN-RK-5SP | LPN-RK-40SP |
| LPN-RK-1 1/4SP | LPN-RK-5 9/10SP | LPN-RK-45SP |
| LPN-RK-1 1/10SP | LPN-RK-6SP | LPN-RK-50SP |
| LPN-RK-1 9/10SP | LPN-RK-6 1/4SP | LPN-RK-60SP |
| LPN-RK-1 7/10SP | LPN-RK-8SP | — |

Carton Quantity and Weight

| Ampere Ratings | Carton Qty. | Weight** | |
|----------------|-------------|----------|-------|
| | | Lbs. | Kg. |
| 0-30 | 10 | 0.5 | 0.227 |
| 35-60 | 10 | 1.2 | 0.544 |

**Weight per carton.

Dimensional Data



Features:

- Current-limitation for maximum short-circuit protection.
- Type 2 protection for IEC and NEMA starters when properly sized.
- High inrush current motor protection.
- Time-delay permits 130% FLA sizing for back-up motor protection.
- Protection against single-phase motor damage.
- Low watt loss power consumption.
- Electrically isolated end caps.
- 125 Vdc, U.L. Listed.

Fuse Reducers For Class R Fuses

| Equipment Fuse Clips | Desired Fuse (Case) Size | Catalog Number (Pairs) 250V |
|----------------------|--------------------------|-----------------------------|
| 60A | 30A | No. 263-R |
| 100A | 30A | No. 213-R |
| | 60A | No. 216-R |
| 200A | 60A | No. 226-R |

Fuseblocks

| 30 Amp Case | | | |
|----------------|------------|------------|------------|
| | 1 Pole | 2 Pole | 3 Pole |
| Box Lug | R25030-1CR | R25030-2CR | R25030-3CR |
| Screw | R25030-1SR | R25030-2SR | R25030-3SR |
| Pressure Plate | R25030-1PR | R25030-2PR | R25030-3PR |
| 60 Amp Case | | | |
| | 1 Pole | 2 Pole | 3 Pole |
| Box Lug | R25060-1CR | R25060-2CR | R25060-3CR |
| Screw | R25060-1SR | R25060-2SR | R25060-3SR |
| Pressure Plate | R25060-1PR | R25060-2PR | R25060-3PR |

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.

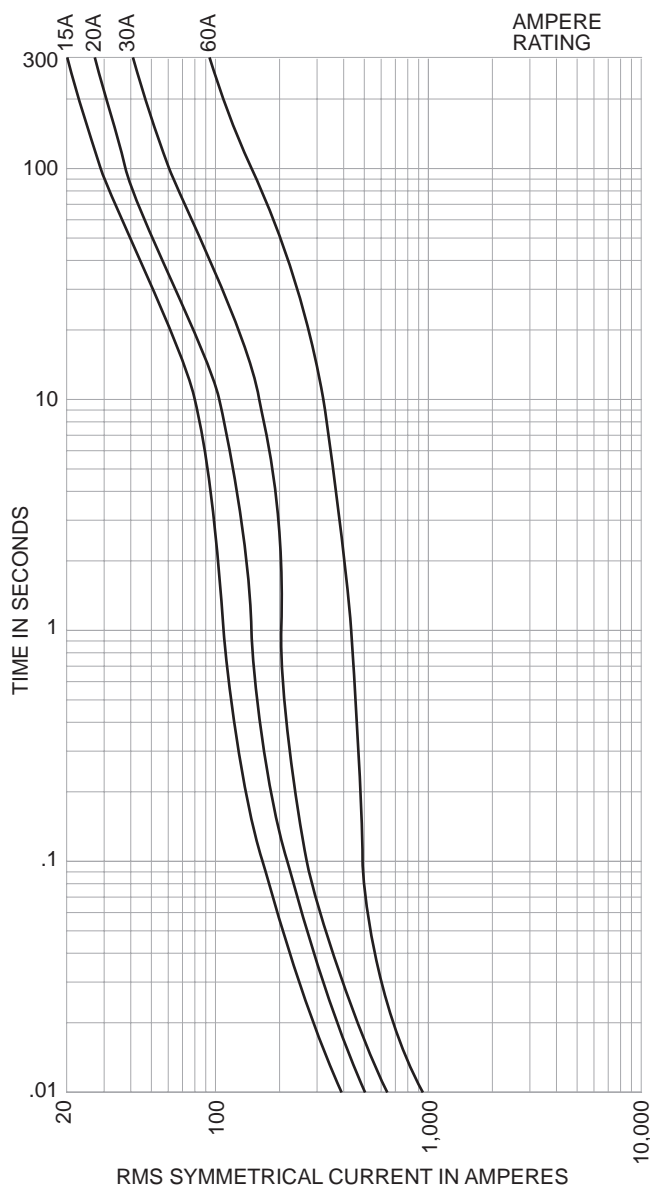
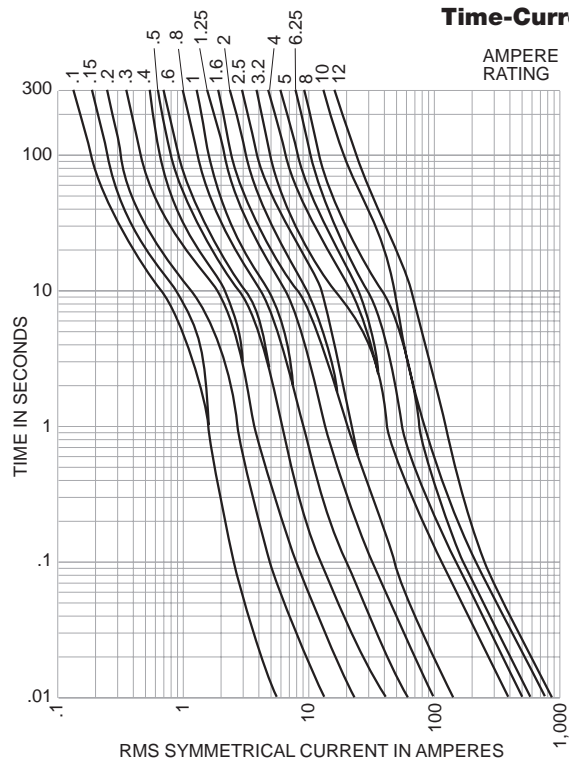
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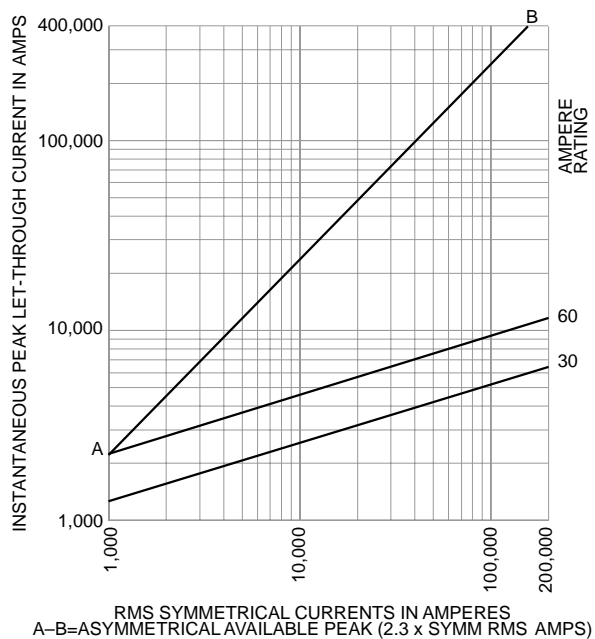
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Time-Current Characteristic Curves—Average Melt



Current-Limitation Curves



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