### **LOW-PEAK®**

## Dual-Element, Time-Delay Fuses Class RK1 - 600 Volt

# LPS-RK 0-60 Amps



Catalog Symbol: LPS-RK\_SP

Dual-Element, Time-Delay – 10 seconds (minimum) at 500%

rated current Current-Limiting

Ampere Rating: 1/10 to 60A Voltage Rating: 600Vac (or less)

300Vdc (or less)

Interrupting Rating:

ac: 300,000A RMS Sym.

dc: 100,000A

**Agency Information:** 

UL Listed, Special Purpose\*\*, Guide JFHR, File E56412 CSA Certified, (200,000AIR), Class RK1 per CSA C22.2,

No. 248.12, Class 1422-02, File 53787

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

#### **Catalog Symbol and Amperes**

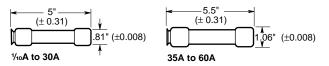
,			
LPS-RK-1/10SP	LPS-RK-1½SP	LPS-RK-5SP	LPS-RK-20SP
LPS-RK-%10SP	LPS-RK-1%0SP	LPS-RK-5%0SP	LPS-RK-25SP
LPS-RK-3/10SP	LPS-RK-1%10SP	LPS-RK-6SP	LPS-RK-30SP
LPS-RK-1/10SP	LPS-RK-21/4SP	LPS-RK-61/4SP	LPS-RK-35SP
LPS-RK-1/2SP	LPS-RK-21/2SP	LPS-RK-7SP	LPS-RK-40SP
LPS-RK-%10SP	LPS-RK-21/10SP	LPS-RK-8SP	LPS-RK-45SP
LPS-RK-%10SP	LPS-RK-3SP	LPS-RK-9SP	LPS-RK-50SP
LPS-RK-1SP	LPS-RK-3% <sub>10</sub> SP	LPS-RK-10SP	LPS-RK-60SP
LPS-RK-11/8SP	LPS-RK-31/2SP	LPS-RK-12SP	_
LPS-RK-11/4SP	LPS-RK-4SP	LPS-RK-15SP	_
LPS-RK-11/10SP	LPS-RK-4½SP	LPS-RK-17½SP	_

#### **Carton Quantity and Weight**

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
0–30	10	1.6	0.725
35–60	10	2.6	1.178

<sup>\*</sup>Weight per carton.

#### **Dimensional Data**



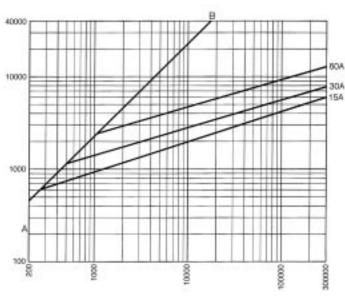
#### Features:

- 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.
- · 300Vdc, UL Listed.

#### **Applications:**

- · Branch distribution
- Motors
- Transformers
- Solenoids
- · General purpose circuits

#### **Current-Limitation Curve**



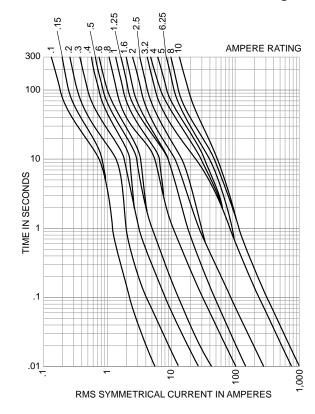
HMS SYMME I HICAL CUHHEN IS IN AN A-B=ASYMMETRICAL AVAILABLE F (2.3 x SYMM RMS AMPS)

CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

# LOW-PEAK® Dual-Element, Time-Delay Fuses Class RK1 – 600 Volt

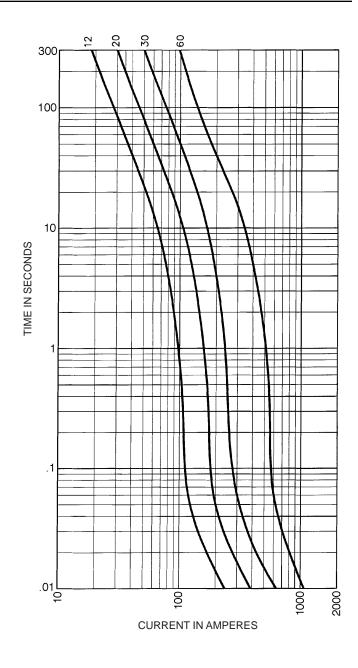
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#### **Time-Current Characteristic Curves-Average Melt**





Recommended fuseblocks for Class R 600V fuses See Data Sheet: 1111



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TCF40RN BCF-10 3TX4431-0A BK-SC-20 FNM-6-1-4 FRN-R-6-1-4 FRS-R-3-12 KTK-1-1-2 BBS-610 FNM-6-10 FNQ-R-1-1-4 FRN-R-30ID FRS-R-20ID CL03AB00M6 CHSF-80 BBS-1/10 LDFJ350.X BAF-4 KRP-C-1000SP TIA10 MIC-20 BBS-10 BBS-4/10 BBS-3/4
BBS-1/2 C10G32 C10M20 JJN-100 JJN-15 JJS-2 KRP-C-700SP KTK-7 KTK-R-1-1/2 KTK-R-9 3RU1136-1KB0 LP-CC-12 LP-CC-25