

LOW-PEAK®**Dual-Element, Time-Delay Fuses
Class RK1 — 600 Vac/300 Vdc****LPS-RK_SPI****70-600A****Catalog Symbol:** LPS-RK_SPI (600V)**Ampere Rating:** 70 to 600A**Voltage Rating:**

ac: 600V (or less)

dc: 300V (or less)

Interrupting Rating:

ac: 300,000A RMS Sym.

dc: 100,000A

Agency Information:

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

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

Class RK1 per CSA C22.2 No. 248.12

Catalog Numbers

LPS-RK-70SPI	LPS-RK-150SPI	LPS-RK-350SPI
LPS-RK-80SPI	LPS-RK-175SPI	LPS-RK-400SPI
LPS-RK-90SPI	LPS-RK-200SPI	LPS-RK-450SPI
LPS-RK-100SPI	LPS-RK-225SPI	LPS-RK-500SPI
LPS-RK-110SPI	LPS-RK-250SPI	LPS-RK-600SPI
LPS-RK-125SPI	LPS-RK-300SPI	—

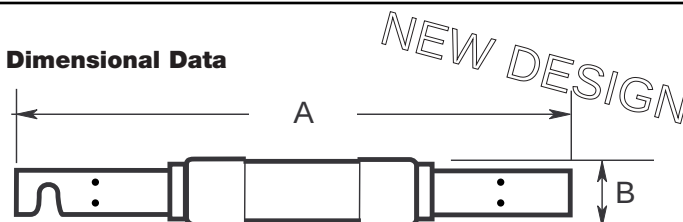
Available with tin plate option. Add suffix "-TP". (Ex.: LPS-RK-100SP-TP)

Carton Quantity and Weight—LPS-RK (600Vac)

Ampere Ratings	Qty.	Carton		Weight*
		Lbs.	Kg.	
70-100	1	2.20	1.0	
110-200	1	1.10	0.5	
225-400	1	2.36	1.1	
450-600	1	3.44	1.5	

*Weight per carton.

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

Dimensional Data**Dimensions (inches)**

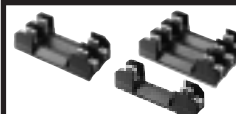
Ampere Ratings	"A"	"B"
70-100	7.88 (± 0.062)	1.11 (± 0.020)
110-200	9.63 (± 0.062)	1.61 (± 0.020)
225-400	11.63 (± 0.094)	2.36 (± 0.020)
450-600	13.38 (± 0.094)	2.88 (± 0.020)

Features:

- High degree of current-limitation for maximum short-circuit protection.
- Type 2 protection for IEC and NEMA starters when properly sized.
- Permanent replacement fuse indication.
- High inrush current motor protection.
- Time-delay permits 130% FLA sizing for back-up motor overload protection, and single-phasing protection.
- Low watt loss power consumption.
- Electrically isolated end caps.
- 300Vdc, UL Listed.

Applications:

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



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

Fuse Reducers For Class R Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalog Number (Pairs) 600V
200A	100A	No. 2621-R
400A	100A	No. 2641-R
	200A	No. 642-R
	100A	No. 2661-R
600A	200A	No. 2662-R
	400A	No. 2664-R*

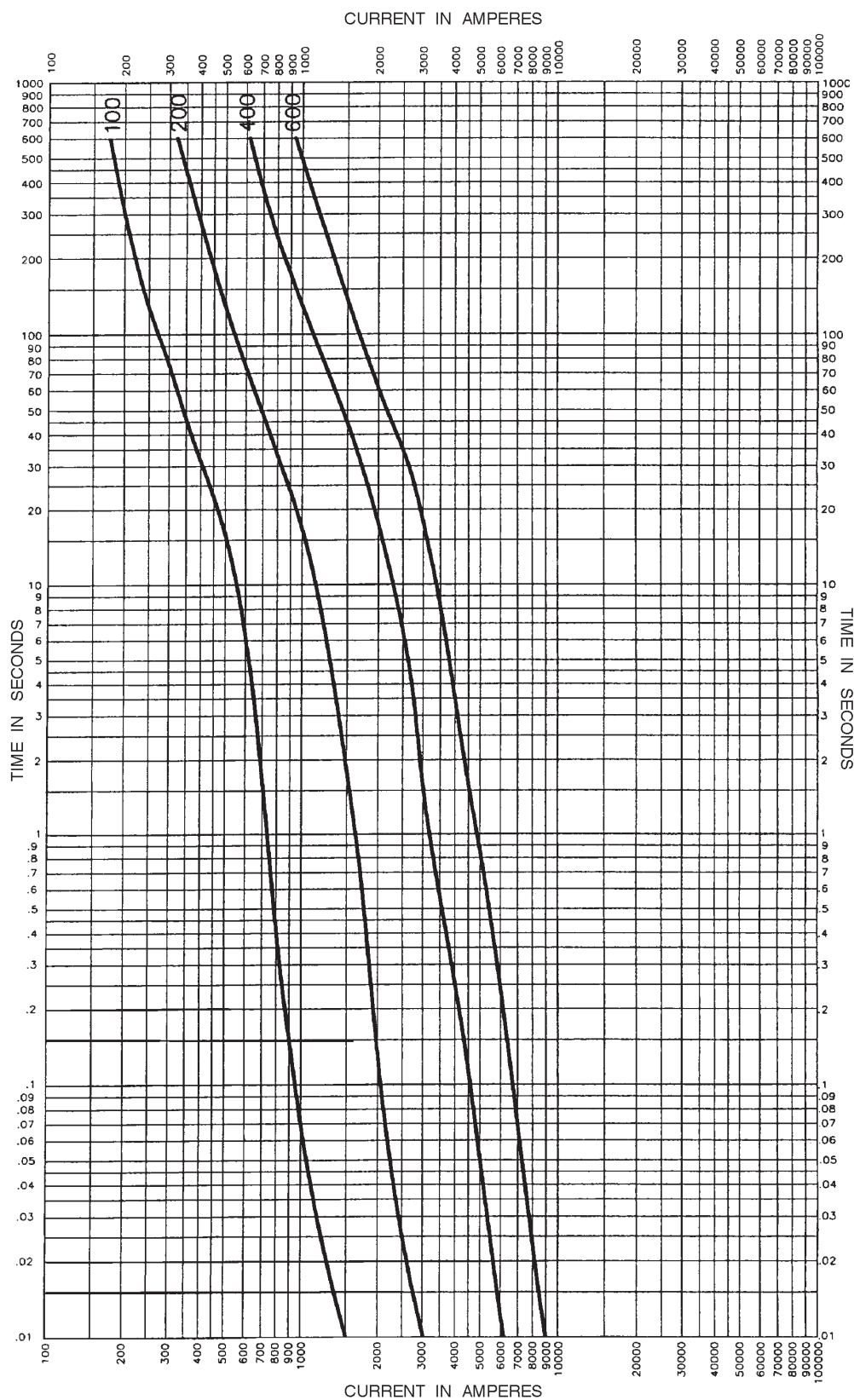
*Single reducer only (pair not required).

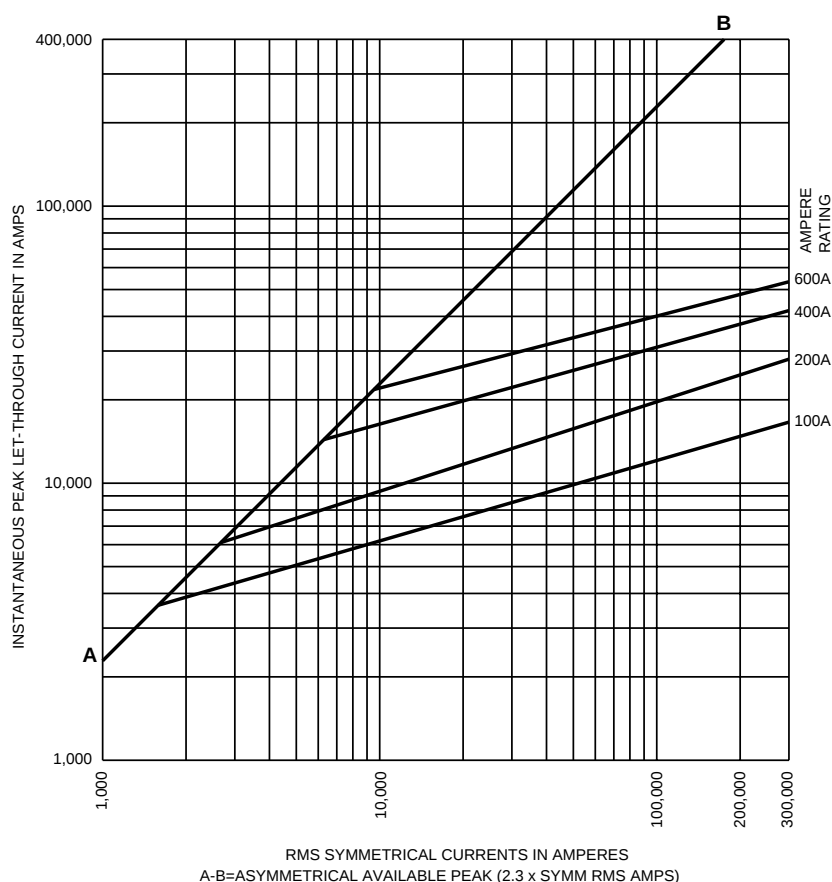
For additional information, see Data Sheet: 1118.

CE 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.



**For non-indicating version, the LPS-RK_SP
is available. See Data Sheet: 1002**

LOW-PEAK®**Dual-Element, Time-Delay Fuses****Class RK1 — 600 Vac/300 Vdc****LPS-RK_SPI****70-600A****Time-Current Characteristic Average Melt**

LOW-PEAK®**Dual-Element, Time-Delay Fuses
Class RK1 — 600 Vac/300 Vdc****LPS-RK_SPI
70-600A****Current-Limitation Curves****Current-Limiting Effects**

Prosp. S.C.C.	Let-Through Current (Apparent RMS Symmetrical) Versus Fuse Rating			
	100A	200A	400A	600A
5,000	2,200	3,250	5,000	5,000
10,000	2,700	4,100	7,150	9,600
15,000	3,050	4,650	7,950	10,650
20,000	3,300	5,100	8,650	11,500
25,000	3,500	5,500	9,200	12,200
30,000	3,700	5,800	9,650	12,750
35,000	3,900	6,100	10,100	13,300
40,000	4,050	6,400	10,450	13,750
50,000	4,300	6,850	11,100	14,600
60,000	4,550	7,250	11,700	15,300
80,000	4,950	7,950	12,650	16,450
100,000	5,250	8,550	13,450	17,450
150,000	5,900	9,750	15,050	19,400
200,000	6,450	10,700	16,300	20,900
250,000	6,850	11,500	17,350	22,100
300,000	7,250	12,200	18,250	23,200

*Values derived from curve data.

The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.