

Cooper Bussmann

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[Contact Us](#)
[Privacy](#)
[Legal](#)
[Cooper Bussmann® Brand](#)
[Site Map](#)



LPS-RK-100SP

Class RK1, Dual-Element, Time-Delay Fuse, 100A

Product Information

Product Type:	Fuse
Product Family:	Electrical Power
Brand:	Cooper Bussmann
Sub-brand:	Low-Peak
Class:	RK1

Recommended Products

Rec. Fuse Block:	R60100 Series
Rec. Cover:	SAMI-8 Series

Physical Properties

Dimensions:	7.88in.(L) × 1.11in.(W) × 0in.(H)
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Certifications

UL Listed
CSA Certified

Electrical Properties

Maximum AC Voltage:	600
Maximum DC Voltage:	300
Amperage Rating:	100
AC Interrupting Ratings:	<ul style="list-style-type: none"> • 300000 at 600V
DC Interrupting Ratings:	<ul style="list-style-type: none"> • 100000 at 300V
Fuse Class:	Class RK1
Time Delay:	Yes

LOW-PEAK®

Dual-Element, Time-Delay Fuses
Class RK1 -- 600 Vac/300 Vdc

LPS-RK

70-600A



Catalog Symbol: LPS-RK_SP (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-70SP	LPS-RK-150SP	LPS-RK-350SP
LPS-RK-80SP	LPS-RK-175SP	LPS-RK-400SP
LPS-RK-90SP	LPS-RK-200SP	LPS-RK-450SP
LPS-RK-100SP	LPS-RK-225SP	LPS-RK-500SP
LPS-RK-110SP	LPS-RK-250SP	LPS-RK-600SP
LPS-RK-125SP	LPS-RK-300SP	—

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)

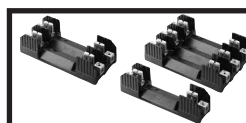
Ampere Ratings	"A"	"B"
70-100	7.88 (± 0.062)	1.11 (± 0.020)
110-200	9.63 (± 0.062)	1.61 (± 0.020)
225-400	11.63 (± 0.094)	2.36 (± 0.020)
450-600	13.38 (± 0.094)	2.88 (± 0.020)

Features:

- High degree of current-limitation for maximum short-circuit protection.
- Type 2 protection for IEC and NEMA starters when properly sized.
- 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
	100A	No. 2641-R
400A	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.