

Low-Peak™ KRP-C Class L 600Vac, 2001-6000A, 300Vdc 3000A time-delay fuses

RoHS



Catalog symbol:

KRP-C-(amp)SP

Description:

Bussmann® series Ultimate protection KRP-C Class L current-limiting, time-delay fuses. Time-delay – 4 seconds (minimum) at 500% of rated current.

Specifications:

Ratings

- Volts
 - 600Vac (2001-6000A)
 - 300Vdc (3000A)
- Amps 2001-6000A
- IR
 - 300kA Vac RMS Sym. (2001-6000A)
 - 100kA Vdc (3000A)

Agency information

- UL® Listed, Guide JDDZ, File E4273
- CSA® Certified, Class 1422-02, File 53787, Class L per CSA-C22.2 No. 248.10
- CE
- RoHS compliant



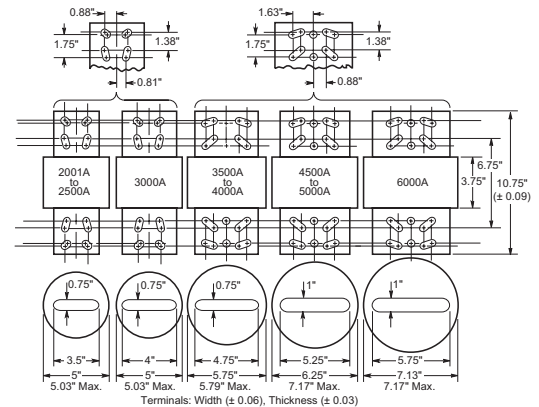
Catalog numbers (amps)

KRP-C-2001SP	KRP-C-3500SP	KRP-C-5000SP
KRP-C-2400SP	KRP-C-3800SP	KRP-C-6000SP
KRP-C-2500SP	KRP-C-4000SP	
KRP-C-3000SP	KRP-C-4500SP	

Carton quantity:

Amp rating	Carton qty.
2001-6000	1

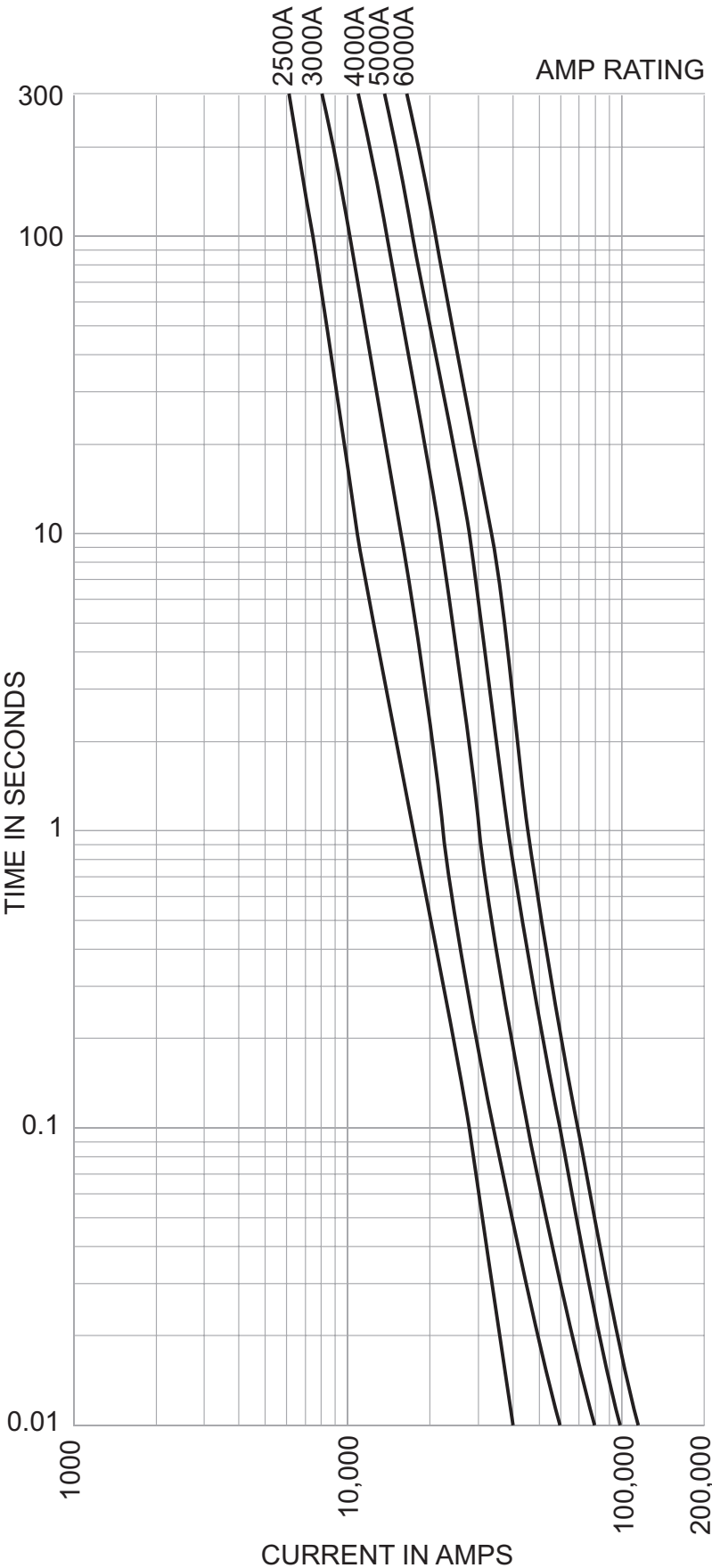
Dimensions - in:



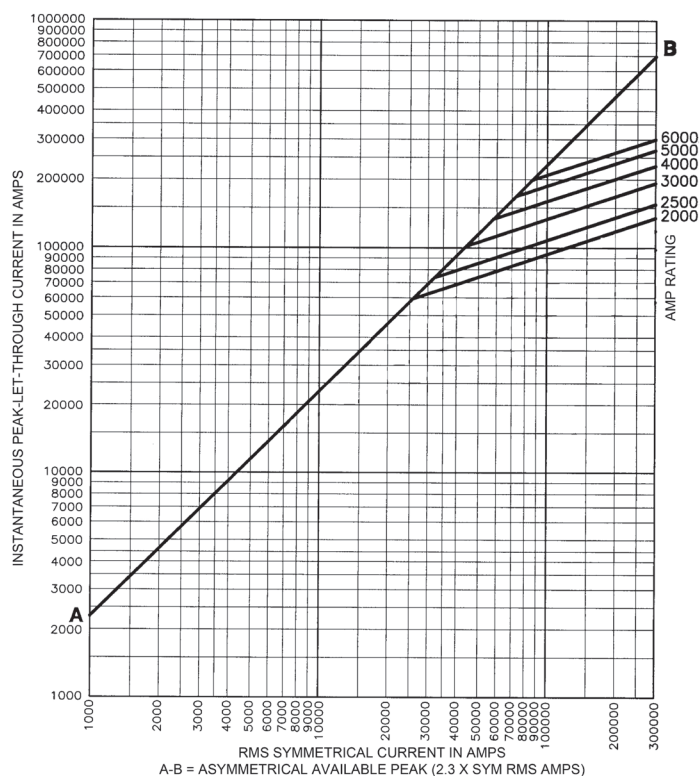
Features:

- 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.

Time-current curves - average melt:



Current-limitation curves:



Current-limiting effects:

Prospective S.C.C.	Let-through current (apparent RMS symmetrical vs. fuse rating)				
	2500A	3000A	4000A	5000A	6000A
5000	5000	5000	5000	5000	5000
10,000	10,000	10,000	10,000	10,000	10,000
15,000	15,000	15,000	15,000	15,000	15,000
20,000	20,000	20,000	20,000	20,000	20,000
25,000	25,000	25,000	25,000	25,000	25,000
30,000	30,000	30,000	30,000	30,000	30,000
35,000	35,000	35,000	35,000	35,000	35,000
40,000	35,000	40,000	40,000	40,000	40,000
50,000	37,000	50,000	50,000	50,000	50,000
60,000	40,000	49,000	60,000	60,000	60,000
70,000	42,000	52,000	62,000	70,000	70,000
80,000	44,000	54,000	65,000	76,000	80,000
90,000	45,000	56,000	67,000	79,000	90,000
100,000	47,000	58,000	70,000	81,000	100,000
150,000	54,000	67,000	80,000	93,000	104,000
200,000	59,000	73,000	87,000	102,000	114,000
250,000	64,000	79,000	94,000	110,000	123,000
300,000	68,000	84,000	100,000	117,000	130,000

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Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
Eaton.com

Bussmann Division
114 Old State Road
Ellisville, MO 63021
United States
Eaton.com/bussmannseries

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Printed in USA
Publication No. 1009 — BU-SB15052
February 2016

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