Buss Fuse Selection Chart (600 Volts or Less)

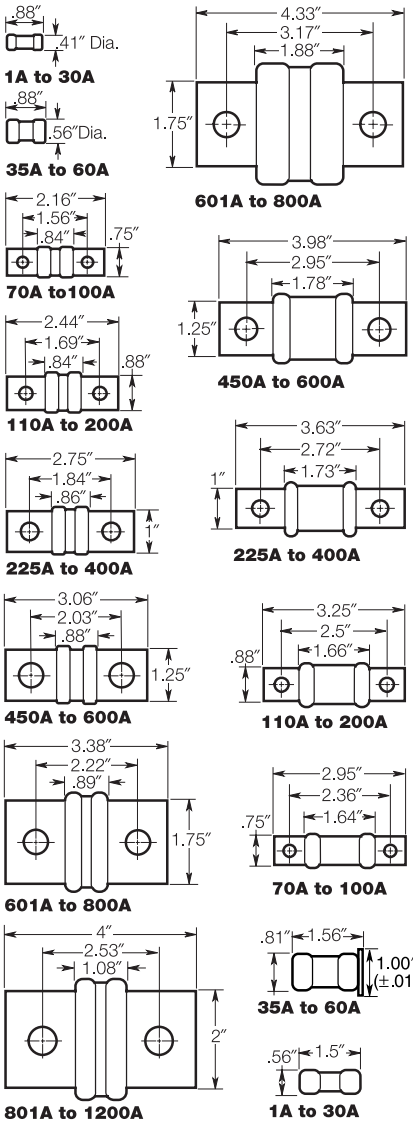
Circuit	Load	Ampere Rating	Fuse Type	Symbol	Voltage Rating (a-c)	Class	Interrupting Rating (KA)	Remarks	Page
200,000A or 300,000A Interrupting Rating (rms symmetrical) Current Limiting	**Conventional Dimensions—Class RK1, RK5 (0-600A), L (601-6000A)**								
Main, Feeder and Branch	All type loads (optimum overcurrent protection).	0-600A	LOW-PEAK® (dual-element, time-delay)	**LPN-RK_SP** **LPS-RK_SP**	250V 600V	RK1††	300	All-purpose fuses. Unequaled for combined short-circuit and overload protection. (Specification grade product)	9-11
		601 to 6000A	LOW-PEAK® (time-delay)	**KRP-C_SP**	600V	L	300		6-7
	Motors, welder, transformers, capacitor banks (circuits with heavy inrush currents).	0 to 600A	FUSETRON® (dual-element, time-delay)	**FRN-R** **FRS-R**	250V 600V	RK5††	200	Moderate degree of current limitation. Time-delay passes surge currents.	12 13
		0 to 600A	DURA-LAG™ (dual-element, time-delay)	**DLN-R** **DLS-R**	250V 600V	RK5	200		14
		601 to 4000A	LIMITRON® (time-delay)	**KLU**	600V	L	200	All-purpose fuse. Time-delay passes surge-currents.	8
	Non-motor loads (circuits with no heavy inrush currents). LIMITRON fuses particularly suited for circuit breaker protection.	0 to 600A	LIMITRON® (fast-acting)	**KTN-R** **KTS-R**	250V 600V	RK1††	200	Same short-circuit protection as LOW-PEAK fuses but must be sized larger for circuits with surge-currents; i.e., up to 300%.	15
		601 to 6000A		**KTU**	600V	L	200	A fast acting, high performance fuse.	8
	Reduced Dimensions For Installation in Restricted Space—Class J(0-600A), T(0-1200A), CC(0-30A), G(0-60A)								
	All type loads (optimum overcurrent protection).	0 to 600A	LOW-PEAK® (dual-element time-delay)	**LPJ_SP**	600V	J	300	All-purpose fuses. Unequaled for combined short-circuit and overload protection. (Specification grade product)	17
	Non-motor loads (circuits with no heavy inrush currents).		LIMITRON® (quick acting)	**JKS**	600V	J	200	Very similar to KTS-R LIMITRON, but smaller.	18
		0 to 1200A	T-TRON™	**JJN** **JJS**	300V 600V	T	200	The space saver (⅓ the size of KTN-R/KTS-R).	19
Branch	Motor loads (circuits with heavy in-rush currents.)	0 to 30A	LOW-PEAK® (time-delay)	**LP-CC**	600V	CC	200	Rejection feature	21
	Non-motor loads (circuits with no heavy in-rush currents.)	0 to 30A	LIMITRON® (fast-acting)	**KTK-R**	600V	CC	200	Very compact (13⁄32″ × 1½″); rejection feature.	22
	Control transformer circuits and lighting ballasts; etc.	0 to 30A	TRON® (time-delay)	**FNQ-R**	600V	CC	200	Excellent for control transformer protection.	22
	General purpose; i.e., lighting panel boards.	1 to 20A	SC	**SC**	600V	G	100	Current limiting; 13⁄32″ dia. × varying lengths per amp rating.	20
		25 to 60A			480V				
10,000–50,000 AIC General Purpose (non-current limiting fuses)	Miscellaneous	0 to 600A	ONE-TIME	**NON** **NOS**	250V 600V	H or K5†	10	Forerunners of the modern	16
	Plug fuses can be used for branch circuits and small component protection.	0 to 30A	FUSTAT® (dual-element, time-delay)	**S**	125V	S	10	Base threads of Type S differ with amp ratings. T and W have Edison base.	26
			FUSETRON® (dual-element, time-delay)	**T**	125V	**	10	T & S fuses recommended for motor circuits. W not recommended for circuits with motor loads.	26
			Buss Type W	**W**	125V	**	10		

** UL Listed as Edison Base Plug Fuse.
† Some ampere ratings are available as UL Class K5 with a 50,000A interrupting rating.
†† RK1 and RK5 fuses fit standard switches, fuseblocks and holders; however, the rejection feature of class R switches and fuseblocks designed specifically for rejection type fuses (RK1 and RK5) prevent the insertion of the non-rejection fuses (K1, K5, and H).

CLASS T

T-Tron™ Fuses

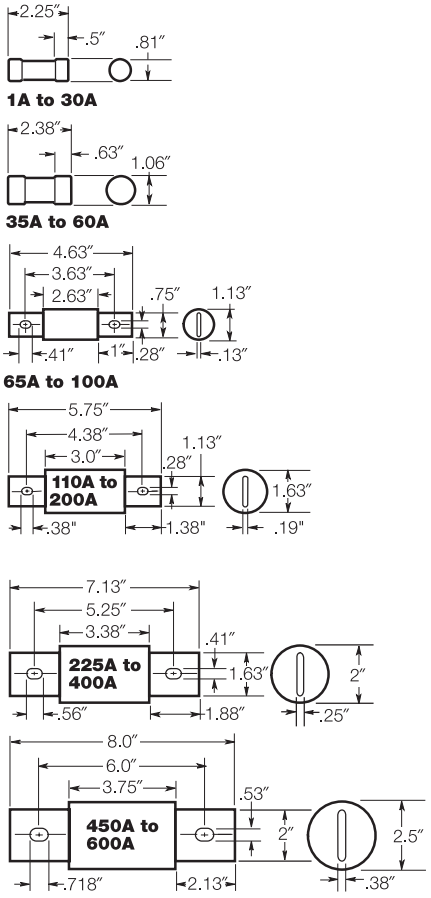
JJN **(300V)** JJS **(600V)**



CLASS J

Low-Peak® & Limitron® Fuses

LPJ & JKS **(600V)**



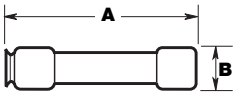
CLASS RK5 & RK1

Fusetron®, Low-Peak® & Limitron® Fuses (250V & 600V)

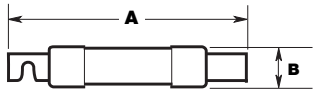
FRN-R & FRS-R; LPN-RK & LPS-RK; KTN-R & KTS-R

Basic dimensions are same as Class H (formerly NEC) ONE-TIME (NON & NOS) and SUPERLAG Renewable RES & REN fuses.

NOTE: These fuses can be used to replace existing Class H, RK1 and RK5 fuses relating to dimensional compatibility.



	250V		600V	
Ampere	**A**	**B**	**A**	**B**
1/10-30	2″	.56″	5″	.81″
35-60	3″	.81″	5.5″	1.06″



Fusetron & Limitron

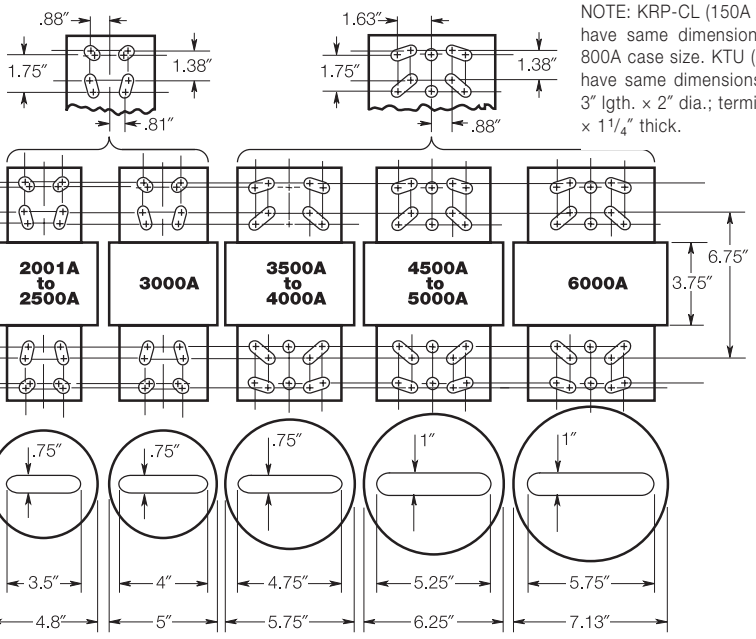
	250V		600V	
Ampere	**A**	**B**	**A**	**B**
70-100	5.88″	1.06″	7.88″	1.34″
110-200	7.13″	1.56″	9.63″	1.84″
225-400	8.63″	2.06″	11.63″	2.59″
450-600	10.38″	2.59″	13.38″	3.13″

Low-Peak

	250V		600V	
Ampere	**A**	**B**	**A**	**B**
70-100	5.88″	1.16″	7.88″	1.16″
110-200	7.13″	1.66″	9.63″	1.66″
225-400	8.63″	2.38″	11.63″	2.38″
450-600	10.38″	2.88″	13.38″	2.88″

CLASS L Low-Peak® & Limitron® Fuses

KRP-C, KTU, & KLU (601 - 6000A) **(600V)**

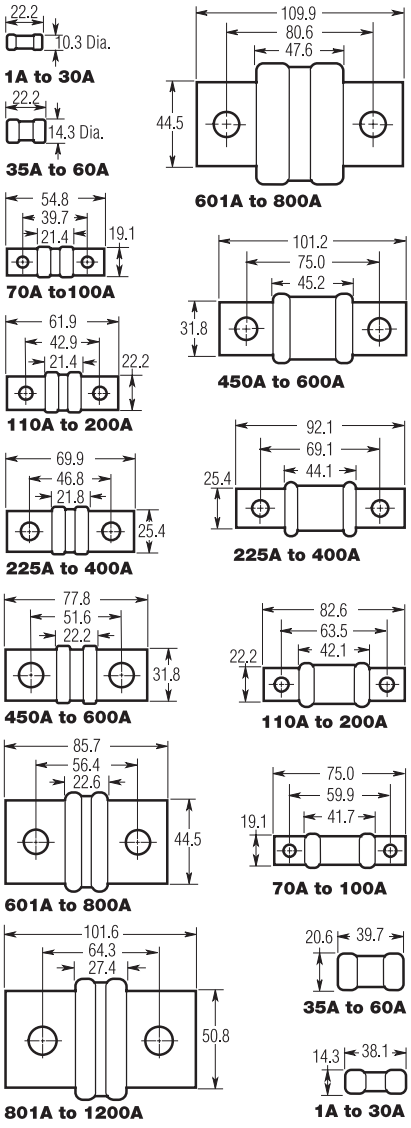


NOTE: KRP-CL (150A to 600A) fuses have same dimensions as 601A to 800A case size. KTU (200A to 600A) have same dimensions, except tube 3″ lgth. x 2″ dia.; terminal $15/8$″ width x $11/4$″ thick.

CLASS T

T-Tron™ Fuses

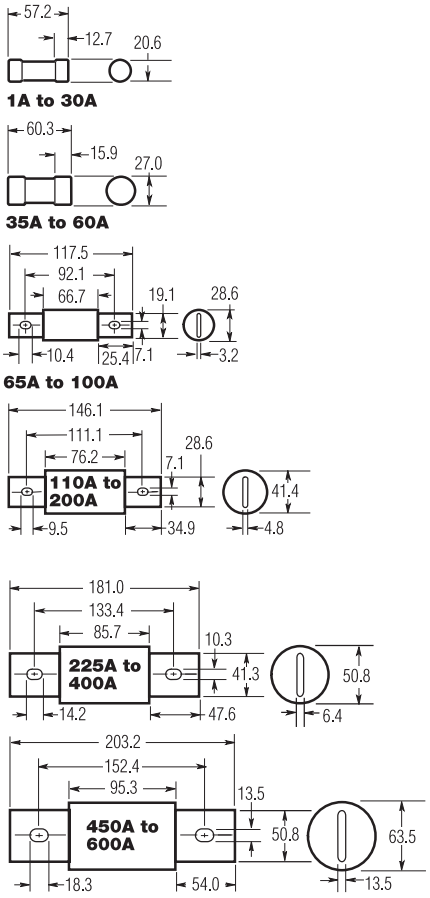
JJN **(300V)** JJS **(600V)**



CLASS J

Low-Peak® & Limitron® Fuses

LPJ & JKS **(600V)**



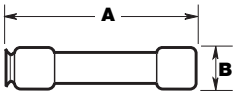
CLASS RK5 & RK1

Fusetron®, Low-Peak® & Limitron® Fuses (250V & 600V)

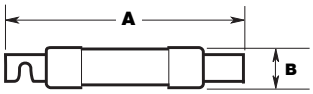
FRN-R & FRS-R; LPN-RK & LPS-RK; KTN-R & KTS-R

Basic dimensions are same as Class H (formerly NEC) ONE-TIME (NON & NOS) and SUPERLAG Renewable RES & REN fuses.

NOTE: These fuses can be used to replace existing Class H, RK1 and RK5 fuses relating to dimensional compatibility.



	250V		600V	
Ampere	**A**	**B**	**A**	**B**
1/10-30	50.8	14.3	127.0	20.6
35-60	76.2	20.6	139.7	27.0



Fusetron & Limitron

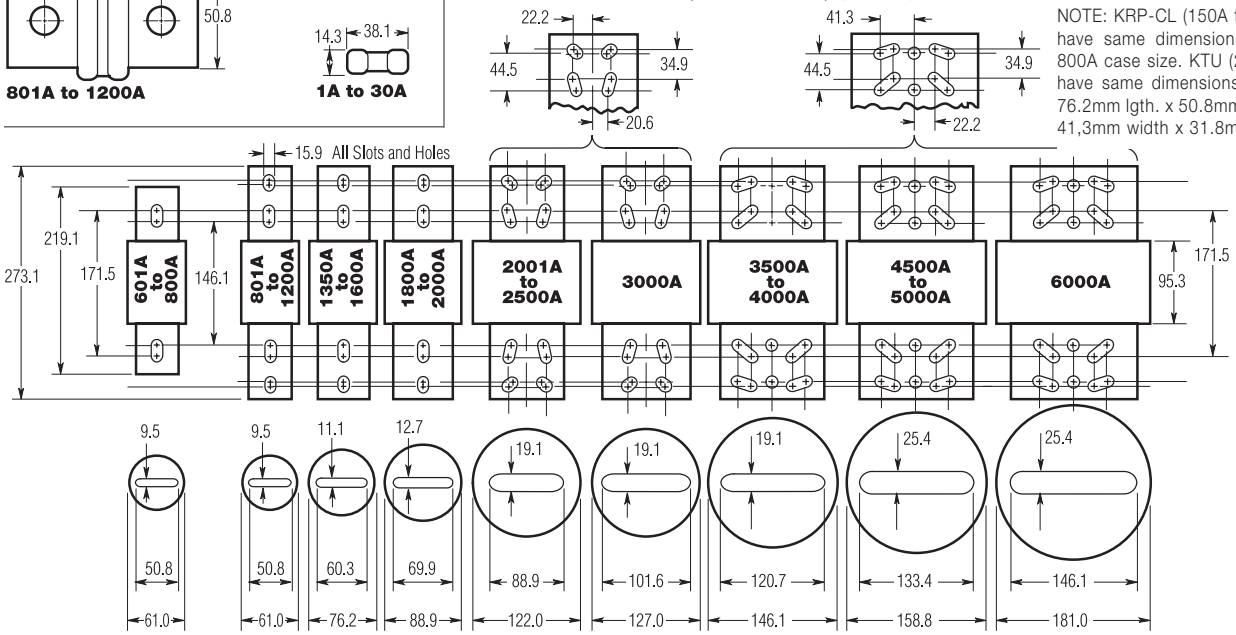
	250V		600V	
Ampere	**A**	**B**	**A**	**B**
70-100	149.2	26.9	200.0	34.0
110-200	181.0	39.6	244.5	46.7
225-400	219.1	52.3	295.3	65.8
450-600	263.5	65.8	339.7	79.5

Low-Peak

	250V		600V	
Ampere	**A**	**B**	**A**	**B**
70-100	149.2	29.5	200.0	29.5
110-200	181.0	42.2	244.5	42.2
225-400	219.1	60.5	295.3	60.5
450-600	263.5	73.2	339.7	73.2

CLASS L Low-Peak® & Limitron® Fuses

KRP-C, KTU, & KLU (601 - 6000A) **(600V)**



NOTE: KRP-CL (150A to 600A) fuses have same dimensions as 601A to 800A case size. KTU (200A to 600A) have same dimensions, except tube 76.2mm lgth. x 50.8mm dia.; terminal 41,3mm width x 31.8mm thick.