

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	
Conventional Dimensions—Class RK1, RK5 (0-600A), L (601-6000A)										
200,000A or 300,000A Interrupting Rating (rms symmetrical) Current Limiting	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)	59-61	
		601 to 6000A	LOW-PEAK® (time-delay)	KRP-C_SP	600V	L	300	56-57		
	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.	62 63	
		601 to 4000A	LIMITRON® (time-delay)	KLU	600V	L	200	All-purpose fuse. Time-delay passes surge-currents.	58	
	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%.	64	
		601 to 6000A		KTU	600V	L	200	A fast acting, high performance fuse.	58	
	Reduced Dimensions For Installation in Restricted Space—Class J(0-600A), T(0-1200A), CC(0-30A), G(0-60A)									
	200,000A or 300,000A Interrupting Rating (rms symmetrical) Current Limiting	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)	66
		Non-motor loads (circuits with no heavy inrush currents).		LIMITRON® (quick acting)	JKS	600V	J	200	Very similar to KTS-R LIMITRON, but smaller.	67
				0 to 1200A	T-TRON™	JJN JJS	300V 600V	T	200	The space saver (⅓ the size of KTN-R/KTS-R).
Branch	Motor loads (circuits with heavy in-rush currents.)	0 to 30A	LOW-PEAK® (time-delay)	LP-CC	600V	CC	200	Rejection feature	70	
	Non-motor loads (circuits with no heavy in-rush currents.)	0 to 30A	LIMITRON® (fast-acting)	KTK-R	600V	CC	200	Very compact (1⅜" × 1½") rejection feature.	71	
	Control transformer circuits and lighting ballasts; etc.	0 to 30A	TRON® (time-delay)	FNQ-R	600V	CC	200	Excellent for control transformer protection.	71	
10,000-50,000 AIC	General Purpose (non-current limiting fuses)	1 to 20A 25 to 60A	SC	SC	600V 480V	G	100	Current limiting; 1⅜" dia. × varying lengths per amp rating.	69	
		0 to 600A	ONE-TIME	NON NOS	250V 600V	H or K5†	10	Forerunners of the modern FRN and FRS fuses	65	

† Some ampere ratings are available as UL Class K5 with a 50,000A interrupting rating.

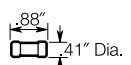
†† RK1 and RK5 fuses fit standard switches, fuseblocks and holders; however, the rejection feature of class R switches and fuseblocks designed specifically for rejection type fuses (RK1 and RK5) prevent the insertion of the non-rejection fuses (K1, K5, and H).

General Data - Dimensions (inches)

Class T

T-Tron™ Fuses

JJN (300V)



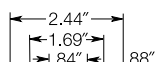
1A to 30A



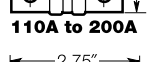
35A to 60A



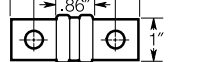
70A to 100A



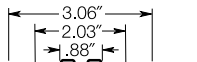
110A to 200A



225A to 400A



450A to 600A



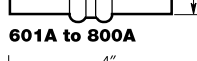
110A to 200A



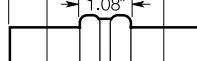
601A to 800A



35A to 60A



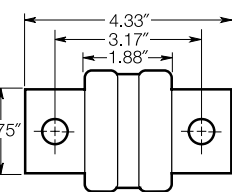
801A to 1200A



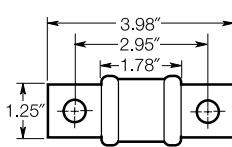
1A to 30A



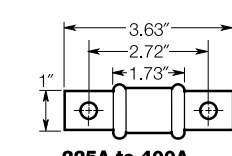
JJS (600V)



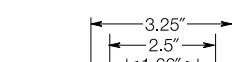
601A to 800A



450A to 600A



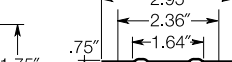
225A to 400A



110A to 200A



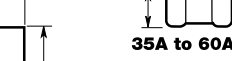
601A to 800A



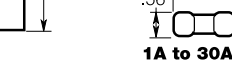
35A to 60A



801A to 1200A



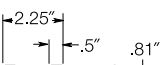
1A to 30A



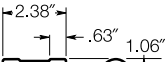
Class J

Low-Peak® & Limitron® Fuses

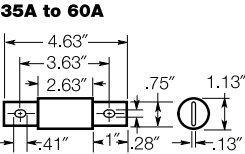
LPJ & JKS (600V)



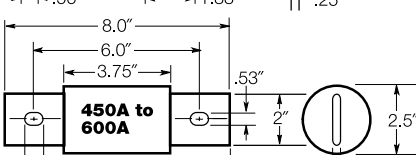
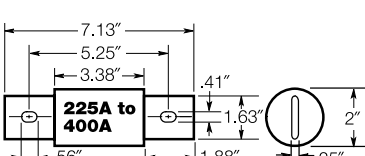
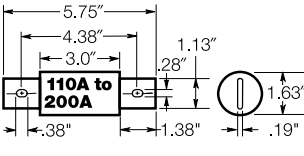
1A to 30A



35A to 60A



65A to 100A



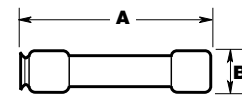
Class RK5 & RK1

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

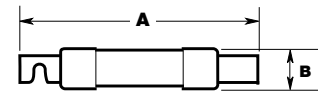
FRN-R & FRS-R; LPN-RK & LPS-RK; KTN-R & KTS-R

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"

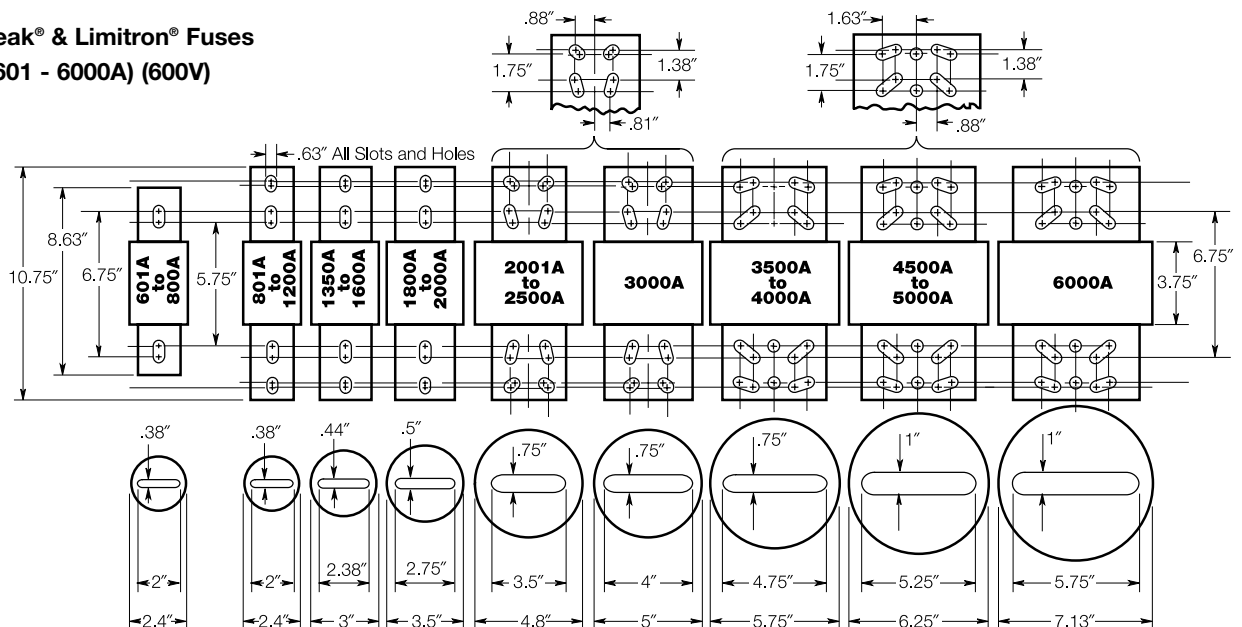
Low-Peak

	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" lgh. x 2" dia.; terminal 1 5/8" width x 1 1/4" thick.



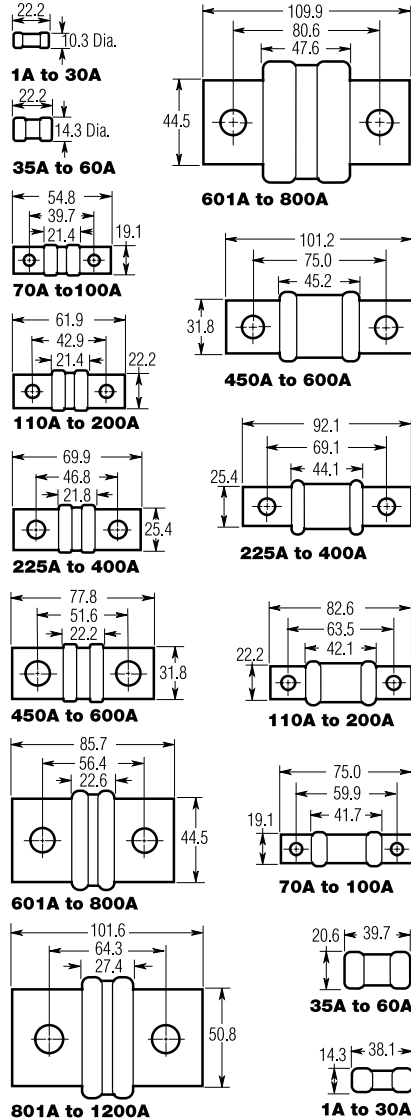
General Data - Dimensions (millimeters)

Class T

T-Tron™ Fuses

JJN (300V)

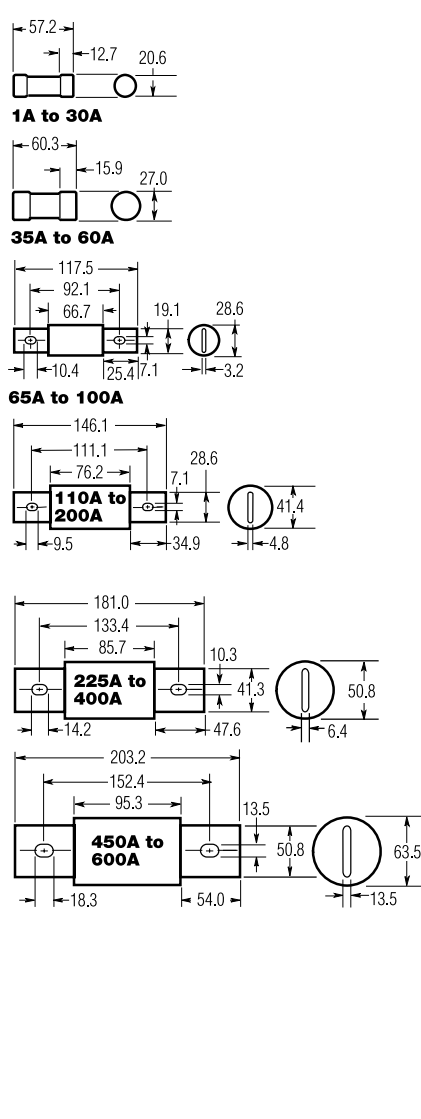
JJS (600V)



Class J

Low-Peak® & Limitron® Fuses

LPJ & JKS (600V)



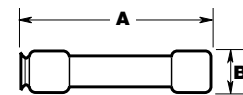
Class RK5 & RK1

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

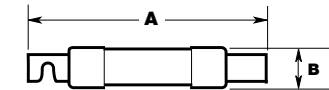
FRN-R & FRS-R; LPN-RK & LPS-RK; KTN-R & KTS-R

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

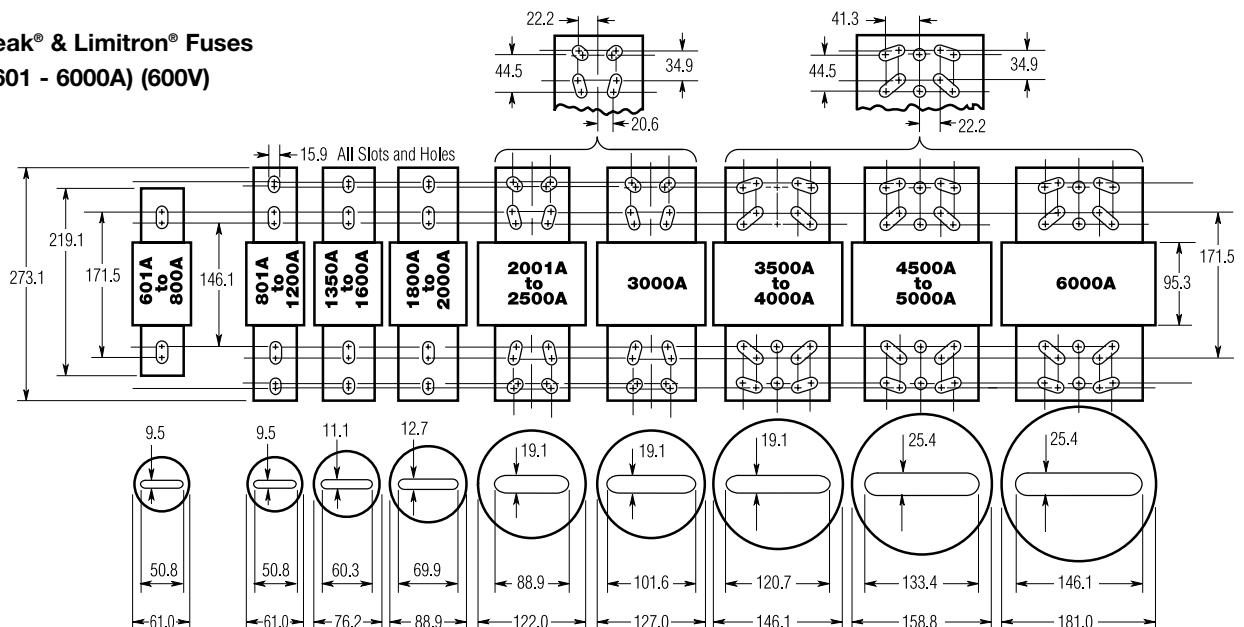
Low-Peak

	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.

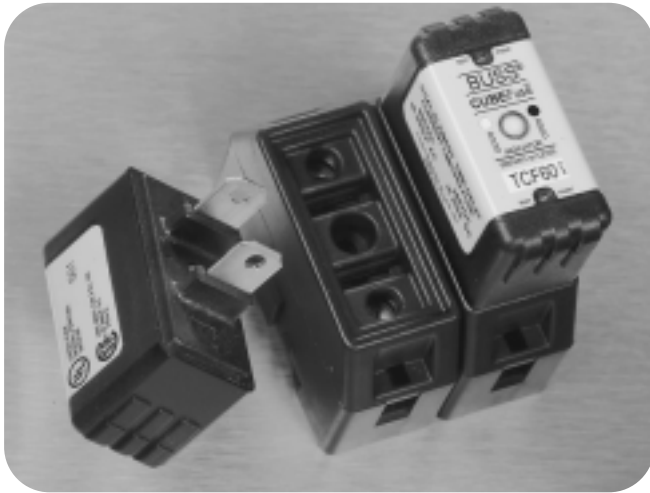


CUBEFUSE™ and Fuseholder

TCF & TCFH

Finger-Safe Dual-Element Time-Delay Fuses
Indicating – 600 Volts or Less

1-60 Amps

**Catalogue Symbol:** TCF (Fuse) & TCFH (Holder)**Dual-Element, Time-Delay Fuse:** 10 Seconds Minimum
Operating Time at 500% Rated Current**Ampere Rating:** 1 to 60 Amperes**Voltage Rating:** 600 Volts AC (or less)**DC Voltage Rating:** 300 Volts DC (or less), 20,000AIR**Interrupting Rating:** 300,000A RMS Symmetrical (UL)
200,000A RMS Symmetrical (CS)**Agency Information:**

U.L. Listed Special Purpose Fuse (UL 248-8) (1-60A)

CSA Certified Fuse (CSA-22.2 No. 106) (1-60A)

U.L. Listed Special Purpose Fuseholder

CSA Certified Fuseholder (C22.2 Nos. 39 & 65)

Other Electrical Certifications:CE compliance for the European Union Low Voltage
Directive (50-1000V AC, 75-1500V DC)

- The world's first finger safe industrial fuse system.
- True dual-element fuse construction with a minimum of 10 seconds time-delay at 500% of rating.
- Long time-delay minimises nuisance circuit openings due to temporary overloads and transient surges.
- Meets UL Class J Time-Delay electrical performance requirements.
- High interruption rating to safely interrupt faults up to 300,000 amperes.
- Faster response to damaging faults reduces destructive thermal and magnetic forces.
- Permanent open fuse indication.
- Designed to be an internationally accepted and specified world class product.
- Smallest footprint of any power class fuse including Class J, CC, T and RK.
- Meets requirements of IEC 60529 for IP-20 finger safe rating.
- No venting of arc or molten metal and gases during opening.
- Robust cycling and inrush current withstand.
- Low let through currents under fault conditions.
- Provides TYPE 2 "no damage" protection for IEC motor starters when properly sized.
- Low watt loss reduces power consumption and lowers operating temperature.
- Conventional Class J fuse case sizes and ampere ratings.
- Dovetail fuseholder design for ganging multiple fuse poles.
- 30 and 60 Amp fuseholders can be ganged together.
- 30 Amp fuses can be plugged into the 60A holder without a reducer.
- 35mm DIN rail and chassis mounting features.
- Fuseholder wire ports rated for dual wires.

Catalogue Numbers			
TCF1	TCF3	TCF6	TCF10
TCF15	TCF17-1/2	TCF20	TCF25
TCF30	TCF35	TCF40	TCF45
TCF50	TCF60		

CUBEFuse™ Fuseholder Catalogue Data

Amps	Poles	Wire *	Dual Wire *	Part Number
30	1	#14 - #8 Cu	#14 Cu	TCFH30
60	1	#14 - #4 Cu	#10 Cu	TCFH60

* 75°C (MIN) CU Wire Only

Carton Quantity and Weight

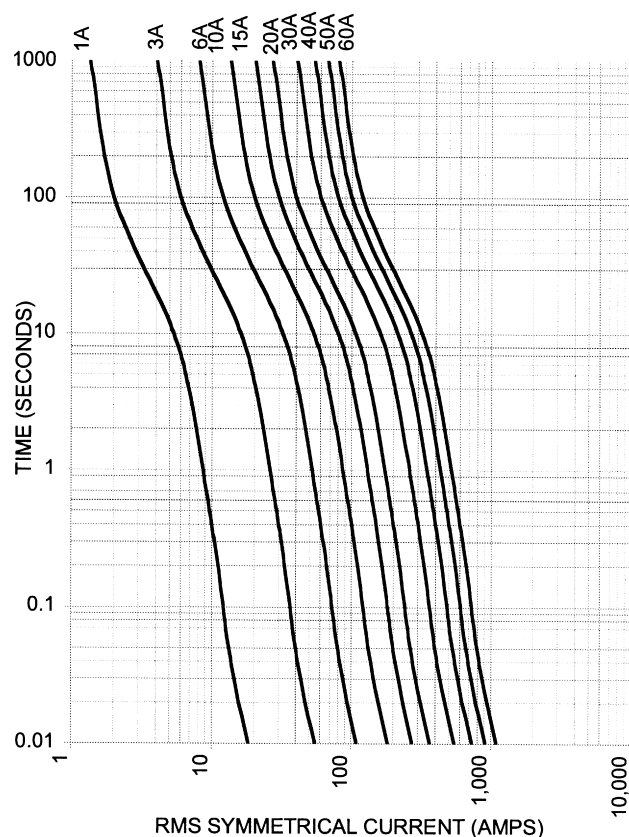
Ampere Rating	Carton. Qty	Weight Per Carton	
		Lbs.	Kg.
TCF1-30	12	1.39	.518
TCFH1-30	12	2.42	.902
TCF35-60	12	1.42	.530
TCFH35-60	12	2.57	.958

Time-Current and Current Limitation Curves on page 55

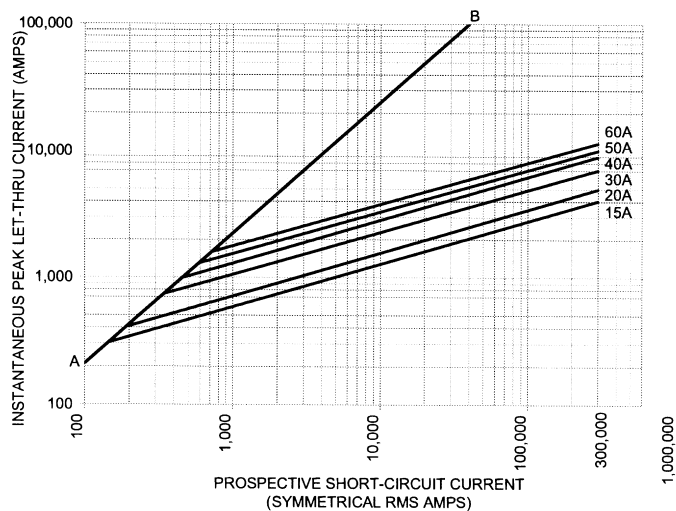
CUBEFUSE™ and Fuseholder
TCF & TCFH

Finger-Safe Dual-Element Time-Delay Fuses
Indicating – 600 Volts or Less

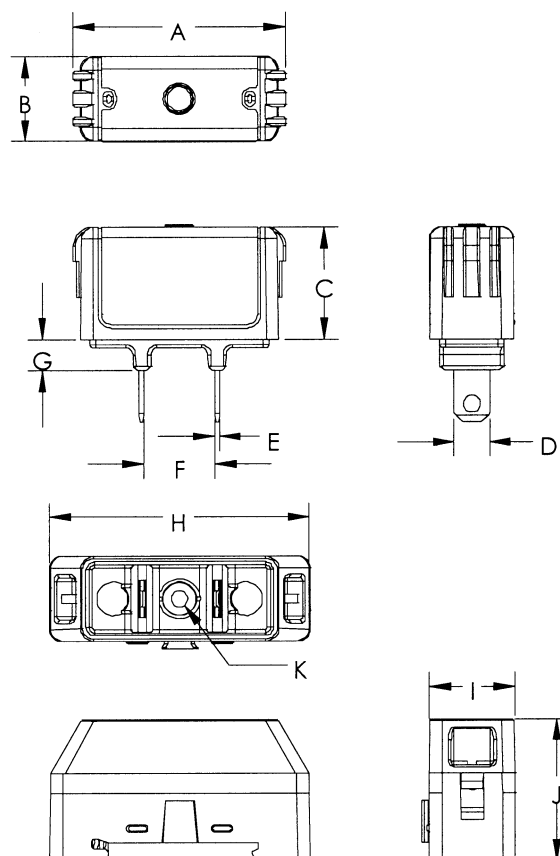
1-60 Amps



Current Limitation Curves



Dimensional Data For TCF and TCFH



Dimension	30A in [mm]	60A in [mm]
A	1.88 [47.75]	2.13 [54.10]
B	.75 [19.05]	1.00 [25.40]
C	1.00 [25.40]	1.13 [28.58]
D	.31 [7.94]	.44 [11.11]
E	.04 [1.02]	.04 [1.02]
F	.63 [15.88]	.63 [15.88]
G	.27 [6.86]	.38 [9.65]
H	2.30 [58.42]	2.60 [66.04]
I	.76 [19.30]	1.03 [26.16]
J	1.27 [32.18]	1.53 [38.86]
K	.15 [3.81]	.17 [4.32]

Low-Peak® Time-Delay, CLASS L Fuses



KRP-C_SP

Time-Delay 4 seconds (minimum) at 500% rated current

Ampere Ratings: 601-6000 Amps†

Voltage Rating: 600 Volts AC (or less), 300 Volts DC for 601-2000 amps.

Interrupting Rating: AC: 300,000A RMS Sym.
DC: 100,000A

Agency Information:

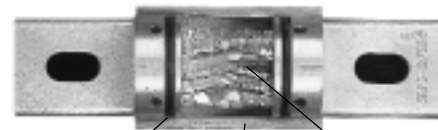
UL Listed-Special Purpose (meets all performance requirements of UL Standard 248-10 for Class L fuses), Guide JFHR, File E56412

CSA Certified (200,000 AIR), Class 1422-02, File 53787, Class L per CSA C22.2, No. 248.10

Dimensions:

See pages 52-53 for Class L dimensional data.

- All-purpose silver linked fuse for both overload and short-circuit protection for high capacity systems (mains and large feeders).
- Time-delay (minimum of four seconds at five times amp rating) for close sizing.
- Current limiting action of the fuse generally affords considerable reduction in bus bracing.
- Interrupting rating of 300,000 amperes complies with NEC Sections 110-9 and 230-65 for today's large capacity systems.
- O-ring seals maximize pressure build-up during current limiting action and ensure filler retention.
- High grade silica-sand filler; accelerates response of fuse to short-circuits by having quenching effect upon the fuse arc.



O-RING SEALS

Formation of arc gas within fuse body suppresses arcing; lowers arcing I^2t energy. O-ring seals maximize pressure build-up during current limiting action. Also volume of sand is critical. Slight loss can adversely impact on current limiting action. O-ring seals insure filler retention. They compensate to a degree for switchgear misalignment, and expansion and contraction of mounting surfaces with change in load to no-load conditions.

SAND FILLER

High grade silica-sand filler. Accelerates response of fuse to short-circuits by having quenching effect upon the fuse arc. Substantially contributes to current limiting action.

99.9% PURE SILVER FUSELINKS

Embody "silver-sand" design. 99.9% pure silver links; silica-sand filler. The high conductivity of silver gives low watt loss and low operating temperature at normal current levels; minimizes total clearing I^2t fault energy let-thru... state-of-art fuse design. High degree of current limitation holds down fault currents and levels of destructive energy. (Although other link materials can provide current limitation, they do not equal that of silver.)

- 99.9% pure silver fuselinks. The high conductivity of silver gives low watt loss and low operating temperature at normal current levels; minimizes total clearing I^2t fault energy let-thru.
- Selective coordination (blackout prevention)
- Glass melamine tube.
- Silver plated end bells.
- Reducers not necessary.

Ordering Information

Catalogue Number	Ctn. Qty.	Weight**		Catalogue Number	Ctn. Qty.	Weight**	
		Lbs.	Kg.			Lbs.	Kg.
KRP-C-601SP	1	3.75	1.7	KRP-C-1800SP	1	8.5	3.85
KRP-C-650SP				KRP-C-1900SP			
KRP-C-700SP				KRP-C-2000SP			
KRP-C-750SP				KRP-C-2001SP			
KRP-C-800SP				KRP-C-2400SP			
KRP-C-801SP	1	17.25	7.824	KRP-C-2500SP	1	18.25	8.278
KRP-C-900SP				KRP-C-3000SP			
KRP-C-1000SP				KRP-C-3500SP			
KRP-C-1100SP				KRP-C-3800SP			
KRP-C-1200SP				KRP-C-4000SP			
KRP-C-1350SP	1	29	13.154	KRP-C-4500SP	1	36	16.329
KRP-C-1400SP				KRP-C-5000SP			
KRP-C-1500SP				KRP-C-6000SP			
KRP-C-1600SP							

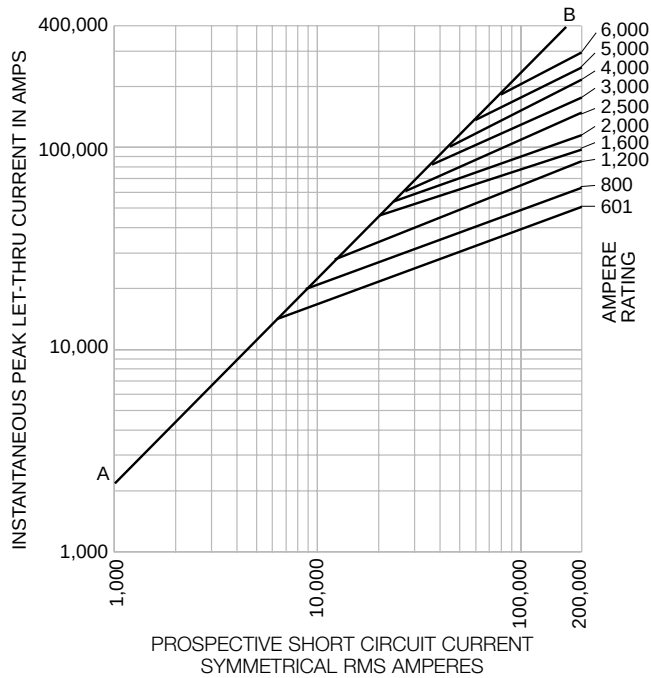
Special purpose rating of 300,000 AIR.

**Weight per carton.

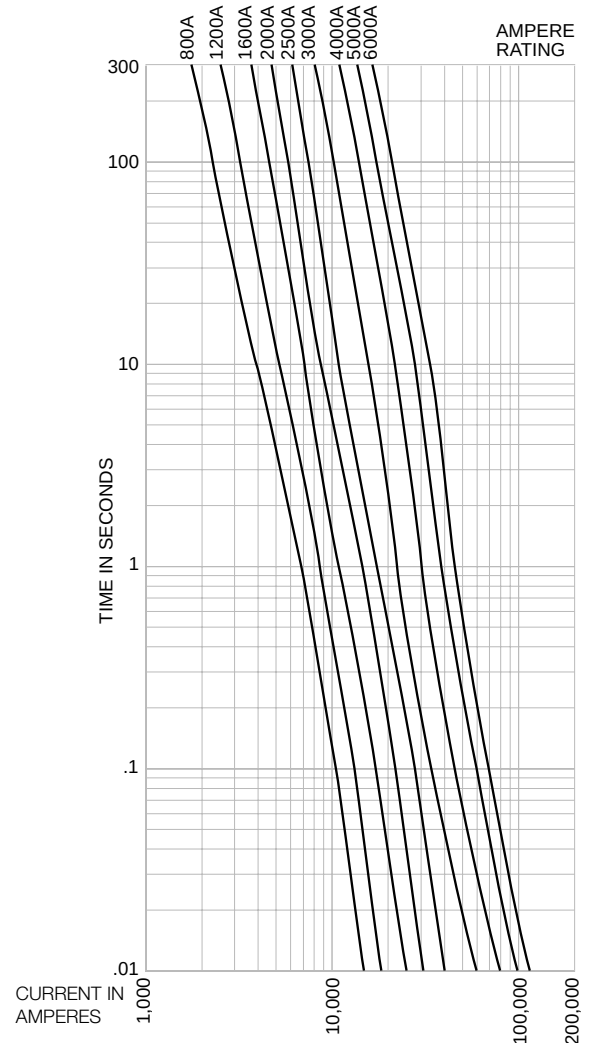
†Use KRP-CL for current ratings below 601 Amps.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Current Limitation Curves—KRP-C



Time-Current Characteristic Curves—Average Melt KRP-C



Recommended Fuseblocks for Class L: (601–1200 Amps)

Catalogue Number	Poles
51215	1
51235	3
Use KRP-CL for current ratings below 601 Amps.	

KRP-CL

Current Limiting, Time-Delay

Construction: Glass Melamine Tube

Ampere Ratings: 150-600 Amps.

Voltage Rating: 600 Volts AC (or less)

These fuses have the same performance characteristics as KRP-C fuses. They are used in applications where there is a need for Class L dimension fuses with 150-600 ampere ratings. KRP-CL fuses have the same dimensions as 800 ampere Class L fuses.

Dimensions: See pages 52-53 for Class L dimensional data.

Ordering Information

Catalogue Number (Symbol & Amps)		
KRP-CL-150	KRP-CL-300	KRP-CL-500
KRP-CL-200	KRP-CL-350	KRP-CL-600
KRP-CL-225	KRP-CL-400	
KRP-CL-250	KRP-CL-450	
Weight of each is 3.75 lbs.		

Limitron® CLASS L Fuses

**KTU****Fast Acting, Bolt Mount****Ampere Ratings:** 601-6000 Amps.**Voltage Rating:** 600 Volts AC (or less)**Interrupting Rating:** 200,000 RMS Sym.**Agency Information:** Std. 248-10, Class L

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class L dimensional data.**KLU****Time-Delay** – 5 seconds (minimum) at 500% rated current**Bolt Mount****Ampere Ratings:** 601-4000 Amps.**Voltage Rating:** 600 Volts AC (or less)**Interrupting Rating:** 200,000A RMS Sym.**Agency Information:** Std. 248-10, Class L

UL Listed, Guide JDDZ, File E4273

CSA Certified, CSA Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class L dimensional data.**Ordering Information**

Catalogue Number	Ctn. Qty.	Weight**		Catalogue Number	Ctn. Qty.	Weight**	
		Lbs.	Kg.			Lbs.	Kg.
KTU-60	1	3.75	1.70	KTU-1800	1	8.5	3.855
KTU-650				KTU-2000			
KTU-700	1			KTU-2400	1	17	7.711
KTU-750				KTU-2500			
KTU-800				KTU-3000	1	17.25	7.824
KTU-80	1	4.25	1.927	KTU-3001	1	24	10.886
KTU-900				KTU-4000			
KTU-1100	1			KTU-4500	1	31	14.061
KTU-1200				KTU-5000			
KTU-1350		6	2.721	KTU-6000	1	34	15.422
KTU-1400	1						
KTU-1500							
KTU-1600							

**Weight per carton.

- For protection of circuit breakers with lower interrupting ratings and non-inductive loads such as lighting and heating circuits.
- 99.9% pure silver-links.
- Reducers not necessary.

Recommended Fuseblocks for Class L: (601–1200 Amps)

Catalogue Number	Poles
51215	1
51235	3

CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Ordering Information

Catalogue Number	Ctn. Qty.	Weight**		Catalogue Number	Ctn. Qty.	Weight**	
		Lbs.	Kg.			Lbs.	Kg.
KLU-601		3.75	1.70	KLU-1800		8.50	3.86
KLU-650				KLU-2000			
KLU-700	1			KLU-2500	1		
KLU-800				KLU-3000			
KLU-1000				KLU-4000			
KLU-1200	1	4.25	1.93				
KLU-1500		6.00	2.72				
KLU-1600	1						

**Weight per carton.

- KLU Limitron® general purpose copper link fuses.
- Current limiting—provides component short-circuit protection.
- Fuse reducers not necessary.
- See KRP-CL for current ratings below 601 Amps.

Recommended Fuseblocks (601–1200 Amps)

Catalogue Number	Poles
51215	1
51235	3

CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Low-Peak® Dual-Element, Time-Delay, CLASS RK1 Fuses



LPN-RK_SP (250V)

LPS-RK_SP (600V)

Dual-Element, Time-Delay – 10 seconds (minimum)
at 500% rated current (8 seconds for 0-30A sizes)

Ampere Ratings: 1/10-600 Amps.

Voltage Rating: LPN-RK: 250 Volts AC (or less),
125 Volts DC (1/10-60 A); 250V DC (70-600 A)

LPS-RK: 600 Volts AC (or less), 300 Volts DC

Current Limiting RK1 Fuse

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 RK1 per CSA C22.2,

No. 248.12, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class RK1 dimensional data.

- Current limitation for maximum short-circuit protection.
High speed of response is highly sensitive to fault currents,
but insensitive to starting current and transient surges.
- Provides long time-delay for temporary motor start-up.
- Time-delay permits 125% FLA sizing for back-up, motor running
protection.

Catalogue Numbers (600V AC/300V DC)

LPS-RK-1/10SP	LPS-RK-2 1/2SP	LPS-RK-12SP	LPS-RK-110SP
LPS-RK-2 1/10SP	LPS-RK-2 3/10SP	LPS-RK-15SP	LPS-RK-125SP
LPS-RK-3 1/10SP	LPS-RK-3SP	LPS-RK-17 1/2SP	LPS-RK-150SP
LPS-RK-4 1/10SP	LPS-RK-3 3/10SP	LPS-RK-20SP	LPS-RK-175SP
LPS-RK-5 1/10SP	LPS-RK-3 1/2SP	LPS-RK-25SP	LPS-RK-200SP
LPS-RK-6 1/10SP	LPS-RK-4SP	LPS-RK-30SP	LPS-RK-225SP
LPS-RK-8 1/10SP	LPS-RK-4 1/2SP	LPS-RK-35SP	LPS-RK-250SP
LPS-RK-1SP	LPS-RK-5SP	LPS-RK-40SP	LPS-RK-300SP
LPS-RK-1 1/8SP	LPS-RK-5 5/10SP	LPS-RK-45SP	LPS-RK-350SP
LPS-RK-1 1/4SP	LPS-RK-6SP	LPS-RK-50SP	LPS-RK-400SP
LPS-RK-1 3/10SP	LPS-RK-6 1/4SP	LPS-RK-60SP	LPS-RK-450SP
LPS-RK-1 1/2SP	LPS-RK-7SP	LPS-RK-70SP	LPS-RK-500SP
LPS-RK-1 5/10SP	LPS-RK-8SP	LPS-RK-80SP	LPS-RK-600SP

Catalogue Numbers (250V AC/125V DC)

LPN-RK-1/10SP	LPN-RK-3 1/2SP	LPN-RK-60SP
LPN-RK-1 5/100SP	LPN-RK-4SP	LPN-RK-70SP
LPN-RK-2 1/10SP	LPN-RK-4 1/2SP	LPN-RK-80SP
LPN-RK-3 1/10SP	LPN-RK-5SP	LPN-RK-90SP
LPN-RK-4 1/10SP	LPN-RK-5 5/10SP	LPN-RK-100SP
LPN-RK-1 1/2SP	LPN-RK-6SP	LPN-RK-110SP
LPN-RK-9 1/10SP	LPN-RK-6 1/4SP	LPN-RK-125SP
LPN-RK-9 1/10SP	LPN-RK-8SP	LPN-RK-150SP
LPN-RK-1SP	LPN-RK-9SP	LPN-RK-175SP
LPN-RK-1 1/8SP	LPN-RK-10SP	LPN-RK-200SP
LPN-RK-1 1/4SP	LPN-RK-12SP	LPN-RK-225SP
LPN-RK-1 3/10SP	LPN-RK-15SP	LPN-RK-250SP
LPN-RK-1 5/10SP	LPN-RK-17 1/2SP	LPN-RK-300SP
LPN-RK-1 9/10SP	LPN-RK-20SP	LPN-RK-350SP
LPN-RK-2SP	LPN-RK-25SP	LPN-RK-400SP
LPN-RK-2 1/4SP	LPN-RK-30SP	LPN-RK-450SP
LPN-RK-2 1/2SP	LPN-RK-35SP	LPN-RK-500SP
LPN-RK-2 9/10SP	LPN-RK-40SP	LPN-RK-600SP
LPN-RK-3SP	LPN-RK-45SP	
LPN-RK-3 3/10SP	LPN-RK-50SP	

**Meets all performance requirements of UL Standard 248-12 for Class RK1 fuses.
0-60 Amp fuses available with Nickel plate option. (Ex: LPSRK30SPNP)
70-600 Amp fuses available with Tin plate option. (Ex: LPS-RK-100SP-TP)

Carton Quantity and Weight

LPN-RK (250 Volts AC)				LPS-RK (600 Volts AC)			
Ampere Ratings	Carton Qty.	Weight*		Carton Qty.	Weight*		
		Lbs.	Kg		Lbs.	Kg	
0-30	10	0.5	0.227	10	1.6	0.725	
35-60	10	1.2	0.544	10	2.6	1.178	
70-100	5	1.5	0.680	5	4.0	1.814	
110-200	1	0.69	0.313	1	2.0	0.906	
225-400	1	1.75	0.793	1	4.6	2.086	
450-600	1	3.25	1.474	1	5.6	2.540	

*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Low-Peak® Dual-Element, Time-Delay, CLASS RK1 Fuses

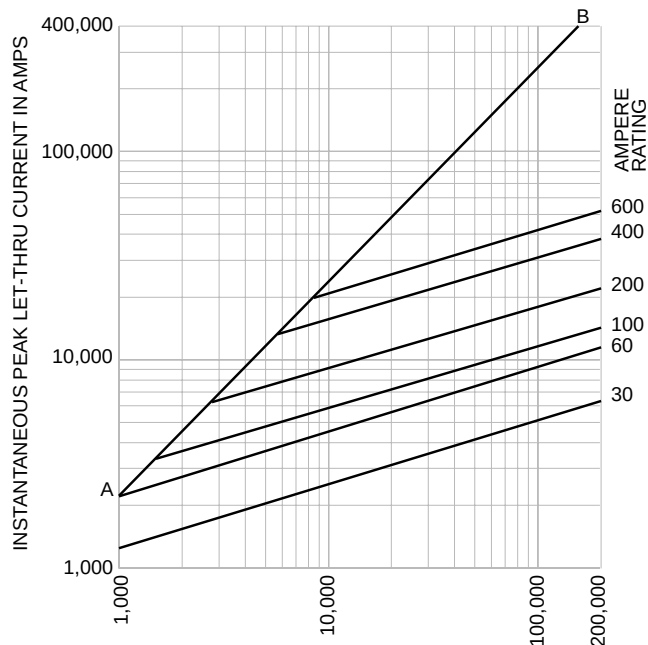
Recommended Fuseblocks for Class RK1 fuses

Amps	Poles	Catalogue Number (250V) (600V)		Terminal Type (Suffix No.)				
				Screw w/		Box Lug w/		¼" Quick-Connect
				Pres. Plate	—	Clip CU only	—	
1/10 to 30	1	R25030-1	R60030-1	SR	PR	CR	COR	QR**
	2	R25030-2	R60030-2	SR	PR	CR	COR	QR**
	3	R25030-3	R60030-3	SR	PR	CR	COR	QR**
1 to 60	1	R25060-1	R60060-1	SR*	PR	CR	COR	—
	2	R25060-2	R60060-2	SR*	PR	CR	COR	—
	3	R25060-3	R60060-3	SR*	PR	CR	COR	—
61 to 100	1	R25100-1	R60100-1	—	—	CR	COR	—
	2	R25100-2	R60100-2	—	—	CR	COR	—
	3	R25100-3	R60100-3	—	—	CR	COR	—
101 to 200	1	R25200-1	R60200-1	—	—	CR	COR	—
		R25200-3	R60200-3	—	—	CR	—	—
201 to 400	1	R25400-1	R60400-1	—	—	CR*	COR*	—
		R25400-3	R60400-3	—	—	CR	—	—
401 to 600	1	R25600-1	R60600-1	—	—	CR	—	—
		R25600-3	R60600-3	—	—	CR	—	—

*UL Recognized, No CSA Certification.

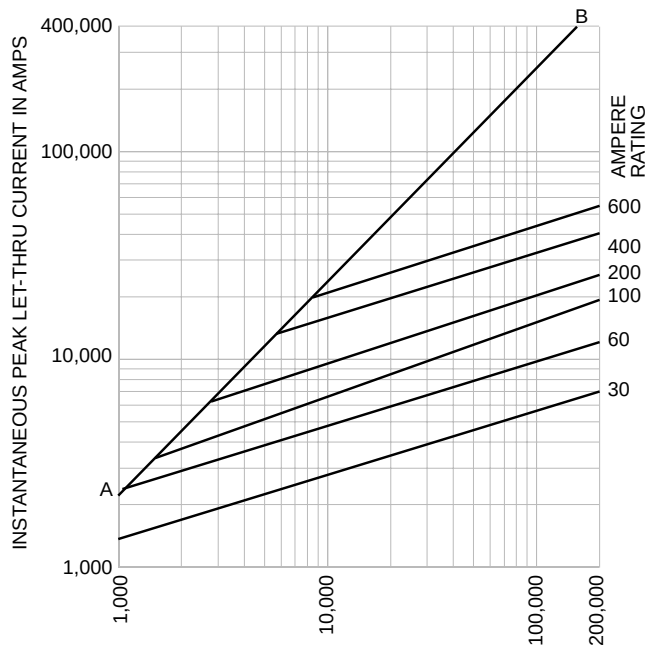
**Quick connect not available on 600V blocks.

Current Limitation Curves—LPN-RK (250V)



RMS SYMMETRICAL CURRENTS IN AMPERES
A-B=ASYMMETRICAL AVAILABLE PEAK (2.3 X SYMM RMS AMPS)

Current Limitation Curves—LPS-RK (600V)



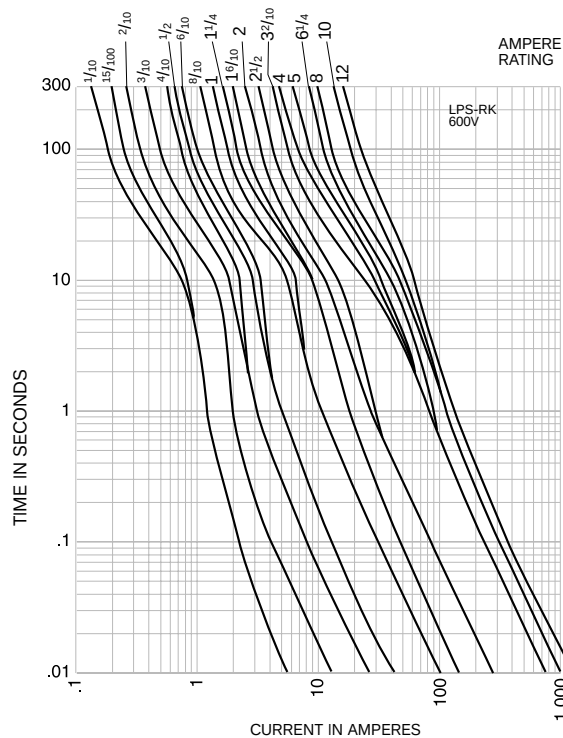
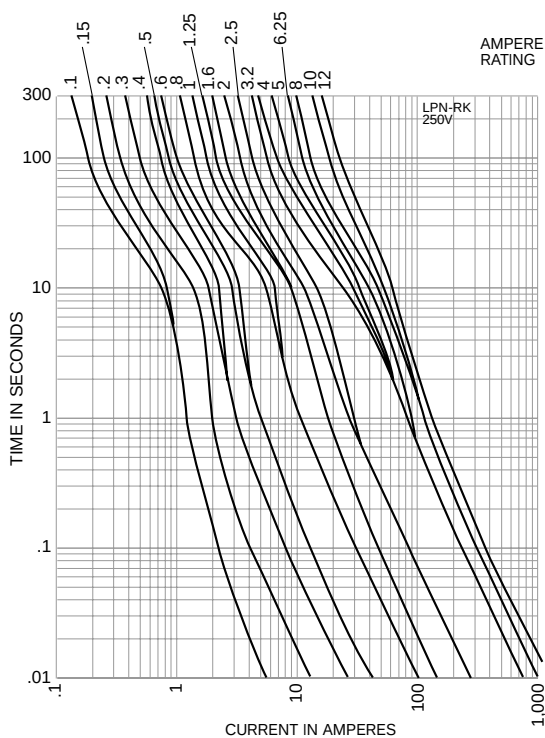
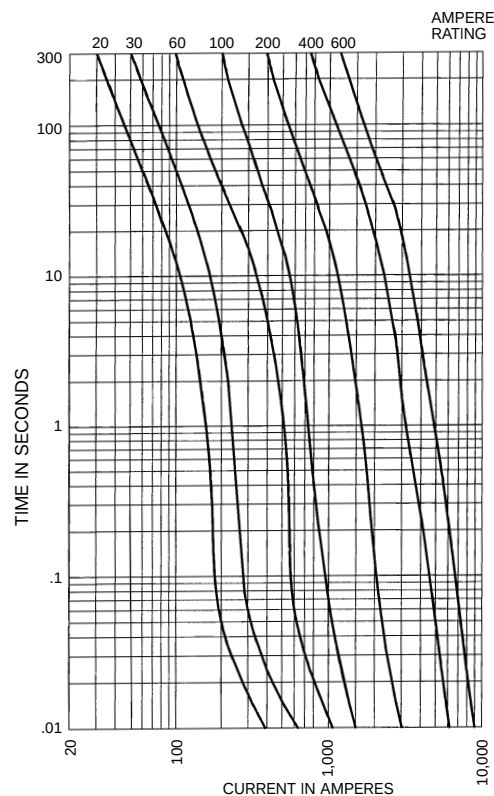
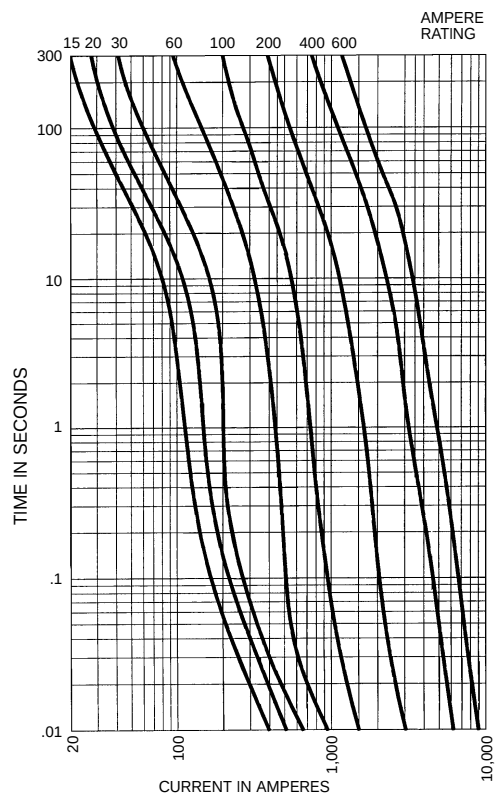
RMS SYMMETRICAL CURRENTS IN AMPERES
A-B=ASYMMETRICAL AVAILABLE PEAK (2.3 X SYMM RMS AMPS)

BIF document: (LPN-RK) 1003 (0-60) & 1004 (70-600), 1110 (Fuseblock)

BIF document: (LPS-RK) 1001 (0-60) & 1002 (70-600), 1111 (600V Fuseblock)

Low-Peak® Dual-Element, Time-Delay, CLASS RK1 Fuses

Time-Current Characteristic Curves—Average Melt



BIF document: (LPN-RK) 1003 (0-60) & 1004 (70-600)

BIF document: (LPS-RK) 1001 (0-60) & 1002 (70-600)

Fusetron® Dual-Element, Time-Delay, CLASS RK5 Fuses



FRN-R (250V)

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

Ampere Ratings: 1/10-600 Amps.

Voltage Rating: 250 Volts AC (or less), 125 Volts DC

Current Limiting RK5 Fuse

Interrupting Rating: 200,000A RMS Sym.
(20,000A @ 125V DC)

Agency Information: Std. 248-12, Class RK5

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-01, File 53787

Dimensions: See pages 52-53 for Class RK5 dimensional data.

- Provides motor overload, ground fault and short-circuit protection when sized properly.
- Helps protect motors against burnout from overloads when sized properly.
- Helps protect motors against burnout from single phasing on three phase systems when sized properly.
- Simplifies and improves blackout prevention (selective coordination) when sized properly.

Fuse Reducers For Class R Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalogue Number (Pairs) 250V
60A	30A	No. 263-R
100A	30A	No. 213-R
	60A	No. 216-R
200A	60A	No. 226-R
	100A	No. 2621-R
400A	100A	No. 2641-R
	200A	No. 242-R
600A	100A	No. 2661-R
	200A	No. 2662-R
	400A	No. 2664-R*

*Single reducer only (pair not required).

Fuseblocks for Class R 250V Fuses

(Clip Retaining Spring Standard, Suffix "R")

Catalogue Numbers (250V AC/125V DC)			
FRN-R-1/10	FRN-R-2	FRN-R-10	FRN-R-100
FRN-R-1/6	FRN-R-2 1/4	FRN-R-12	FRN-R-110
FRN-R-15/100	FRN-R-2 1/2	FRN-R-15	FRN-R-125
FRN-R-2 1/10	FRN-R-2 3/10	FRN-R-17 1/2	FRN-R-150
FRN-R-1/4	FRN-R-3	FRN-R-20	FRN-R-175
FRN-R-3/10	FRN-R-3 3/10	FRN-R-25	FRN-R-200
FRN-R-1/2	FRN-R-3 1/2	FRN-R-30	FRN-R-225
FRN-R-1/2	FRN-R-4	FRN-R-35	FRN-R-250
FRN-R-3/10	FRN-R-4 1/2	FRN-R-40	FRN-R-300
FRN-R-3/10	FRN-R-5	FRN-R-45	FRN-R-350
FRN-R-1	FRN-R-5 1/10	FRN-R-50	FRN-R-400
FRN-R-1 1/8	FRN-R-6	FRN-R-60	FRN-R-450
FRN-R-1 1/4	FRN-R-6 1/4	FRN-R-70	FRN-R-500
FRN-R-1 1/2	FRN-R-7	FRN-R-75	FRN-R-600
FRN-R-1 1/2	FRN-R-7 1/2	FRN-R-80	
FRN-R-1 3/10	FRN-R-8	FRN-R-85	
FRN-R-1 3/10	FRN-R-9	FRN-R-90	

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
0-15	10	0.40	0.181
17.5-30	10	.50	0.227
35-60	10	1.00	0.453
70-100	5	1.5	0.680
101-200	1	0.77	0.349
201-400	1	1.52	0.689
401-600	1	2.94	1.334

**Weight per carton.

Amps	Poles	Basic Catalogue Number	Terminal Type (Suffix No.)				
			Screw w/ Pres. Plate			Box Lug w/ Clip CU only	1/4" Quick-Connect
1/10 to 30	1	R25030-1	SR	PR	CR	COR	QR
	2	R25030-2	SR	PR	CR	COR	QR
31 to 60	3	R25030-3	SR	PR	CR	COR	QR
	1	R25060-1	SR	—	CR	COR	—
61 to 70	2	R25060-2	SR	—	CR	COR	—
	3	R25060-3	SR	—	CR	COR	—
71 to 100	1	R25100-1	—	—	CR	COR	—
	2	R25100-2	—	—	CR	COR	—
101 to 200	3	R25100-3	—	—	CR	COR	—
	1	R25200-1	—	—	CR	—	—
201 to 400	3	R25200-3	—	—	CR	—	—
	1	R25400-1	—	—	CR	—	—
401 to 600	3	R25400-3	—	—	CR	—	—
	1	R25600-1	—	—	CR	—	—
601 to 600	3	R25600-3	—	—	CR	—	—

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

BIF document: 1019 (0-60), 1020 (70-600) & 1110 (Fuseblock)

Fusetron® Dual-Element, Time-Delay, CLASS RK5 Fuses



FRS-R (600V)

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

Ampere Ratings: 1/10-600 Amps.

Voltage Rating: 600 Volts AC (or less), 300 Volts DC

Current Limiting RK5 Fuse

Interrupting Rating: 200,000A RMS Sym.
(20,000A @ 300V DC)

Agency Information: Std. 248-12, Class RK5

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class RK5 dimensional data.

Catalogue Numbers (600V AC/ 300V DC)

FRS-R-1/10	FRS-R-2	FRS-R-10	FRS-R-110
FRS-R-1/8	FRS-R-2 1/4	FRS-R-12	FRS-R-125
FRS-R-15/100	FRS-R-2 1/2	FRS-R-15	FRS-R-150
FRS-R-3/10	FRS-R-2 3/10	FRS-R-17 1/2	FRS-R-175
FRS-R-1/4	FRS-R-3	FRS-R-20	FRS-R-200
FRS-R-3/10	FRS-R-3 3/10	FRS-R-25	FRS-R-225
FRS-R-7/10	FRS-R-3 1/2	FRS-R-30	FRS-R-250
FRS-R-1/2	FRS-R-4	FRS-R-35	FRS-R-275
FRS-R-9/10	FRS-R-4 1/2	FRS-R-40	FRS-R-300
FRS-R-9/10	FRS-R-5	FRS-R-45	FRS-R-325
FRS-R-1	FRS-R-5 5/10	FRS-R-50	FRS-R-350
FRS-R-1 1/8	FRS-R-6	FRS-R-60	FRS-R-400
FRS-R-1 1/4	FRS-R-6 1/4	FRS-R-70	FRS-R-450
FRS-R-1 1/10	FRS-R-7	FRS-R-75	FRS-R-500
FRS-R-1 1/2	FRS-R-7 1/2	FRS-R-80	FRS-R-600
FRS-R-1 5/10	FRS-R-8	FRS-R-90	

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
0-15	10	0.40	0.181
17.5-30	10	0.50	0.227
35-60	10	3.10	1.406
65-100	1	0.54	0.245
101-200	1	1.22	0.544
201-400	1	3.00	1.359
401-600	1	5.00	2.268

*Weight per carton.

Fuse Reducers For Class R Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalogue Number (Pairs) 600V
60A	30A	No. 663-R
100A	30A	No. 216-R
	60A	No. 616-R
200A	60A	No. 626-R
	100A	No. 2621-R
400A	100A	No. 2641-R
	200A	No. 642-R
600A	100A	No. 2661-R
	200A	No. 2662-R
	400A	No. 2664-R*

*Single reducer only (pair not required).

Fuseblocks for Class R 600V Fuses (Clip Retaining Spring Standard, Suffix "R")

Amps	Poles	Catalogue Number	Terminal Type (Suffix No.)			
			Basic Screw w/ Pres. Plate		Box Lug w/ Clip CU only	
1/10 to 30	1	R60030-1	SR	PR	CR	COR
	2	R60030-2	SR	PR	CR	COR
	3	R60030-3	SR	PR	CR	COR
31 to 60	1	R60060-1	SR	—	CR	COR
	2	R60060-2	SR	—	CR	COR
	3	R60060-3	SR	—	CR	COR
65 to 100	1	R60100-1	—	—	CR	COR
	2	R60100-2	—	—	CR	COR
	3	R60100-3	—	—	CR	COR
101 to 200	1	R60200-1 R60200-3	—	—	CR CR	— —
201 to 400	1	R60400-1 R60400-3	—	—	CR CR	— —
401 to 600	1	R60600-1 R60600-3	—	—	CR CR	— —

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to Data Sheet #8002.

Limitron® Fast Acting, CLASS RK1 Fuses



KTN-R (250V)

Fast Acting

Ampere Ratings: 1-600 Amps.

Voltage Rating: 250 Volts AC (or less).

Current Limiting RK1 Fuse (curves on page 260)

Interrupting Rating: 200,000A RMS Sym.

Agency Information: Std. 248-12, Class RK1

UL Listed, Guide JDDZ, File E54273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class RK1 dimensional data.



KTS-R (600V)

Fast Acting

Ampere Ratings: 1-600 Amps.

Voltage Rating: 600 Volts AC (or less).

Current Limiting RK1 Fuse (curves on page 260)

Interrupting Rating: 200,000A RMS Sym.

Agency Information: Std. 248-12, Class RK1

UL Listed, Guide JDDZ, File E54273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class RK1 dimensional data.

Catalogue Numbers (250V AC)		
KTN-R-1	KTN-R-30	KTN-R-125
KTN-R-2	KTN-R-35	KTN-R-150
KTN-R-3	KTN-R-40	KTN-R-175
KTN-R-4	KTN-R-45	KTN-R-200
KTN-R-5	KTN-R-50	KTN-R-225
KTN-R-6	KTN-R-60	KTN-R-250
KTN-R-8	KTN-R-70	KTN-R-300
KTN-R-10	KTN-R-75	KTN-R-350
KTN-R-12	KTN-R-80	KTN-R-400
KTN-R-15	KTN-R-90	KTN-R-450
KTN-R-20	KTN-R-100	KTN-R-500
KTN-R-25	KTN-R-110	KTN-R-600

Catalogue Numbers (600V AC)		
KTS-R-1	KTS-R-30	KTS-R-125
KTS-R-2	KTS-R-35	KTS-R-150
KTS-R-3	KTS-R-40	KTS-R-175
KTS-R-4	KTS-R-45	KTS-R-200
KTS-R-5	KTS-R-50	KTS-R-225
KTS-R-6	KTS-R-60	KTS-R-250
KTS-R-8	KTS-R-70	KTS-R-300
KTS-R-10	KTS-R-75	KTS-R-350
KTS-R-12	KTS-R-80	KTS-R-400
KTS-R-15	KTS-R-90	KTS-R-450
KTS-R-20	KTS-R-100	KTS-R-500
KTS-R-25	KTS-R-110	KTS-R-600

Carton Quantity and Weight			
Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	.45	0.204
40-60	10	1.82	0.824
70-100	5	1.85	0.838
110-200	1	1.05	0.476
225-400	1	2.38	1.078
450-600	1	3.50	1.587

*Weight per carton.

Carton Quantity and Weight			
Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	1.45	0.657
40-60	10	2.63	1.262
70-100	1	0.5	0.226
110-200	1	1.4	0.634
225-400	1	2.75	1.246
450-600	1	4.25	1.925

*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

One-Time General Purpose Fuses

NON and NOS

General Purpose Application

Non-Current Limiting

Ampere Ratings: 1/8-600 Amps.

Voltage Rating: NON: 250 Volts AC, 125 Volts DC (0-100A);

NOS: 600 Volts AC

Interrupting Rating: 50,000A RMS Sym. (0-60A),
10,000A RMS Sym. (65-600A), 50,000A @ 125V DC
(NON 0-60),

10,000A @ 125V DC (NON 65-100A)

Agency Information:

UL Listed – 250V: Class K5 (0-60A), Std. 248-9

Class H (65-600A), Std. 248-6

(125V DC: Non 0-100)

600V: Class K5 (0-60A), Std. 248-9

Class H (70-600A), Std. 248-6

Guide JDDZ, File E4273

CSA Certified – 250V: (0-12, 65-600)

600V: (0-600)

Class 1421-01, File 53787

Dimensions: See pages 52-53 for dimensional data under
Class RK5/RK1.



Recommended Fuse Reducers

250 Volt				600 Volt			
Clip Size	Fuse Size	Cat. No. (Pair)	Weight Carton* (lbs)	Clip Size	Fuse Size	Cat. No. (Pair)	Weight Carton* (lbs)
60A	30A	No. 263	0.38	60A	30A	No. 663	1.00
100A	30A	No. 213	1.73	100A	30A	No. 216	1.73
100A	60A	No. 216	1.73	100A	60A	No. 616	1.85
200A	60A	No. 226	3.00	200A	60A	No. 626	3.33
200A	100A	No. 2621	1.63	200A	100A	No. 2621	1.63
400A	100	No. 2641	4.90	400A	100	No. 2641	4.90
400A	200A	No. 2642	3.50	400A	200A	No. 2642	3.50
600A	100A	No. 2661	8.70	600A	100A	No. 2661	8.70
600A	200A	No. 2662	6.85	600A	200A	No. 2662	6.85
600A	400A	No. 2664	4.45	600A	400A	No. 2664	4.45

*Single reducer only (pair not required).

Catalogue Numbers (250V AC)			
NON-1/8	NON-5	NON-40	NON-175
NON-1/4	NON-6	NON-45	NON-200
NON-3/4	NON-6 1/4	NON-50	NON-225
NON-9/10	NON-7	NON-60	NON-250
NON-1	NON-8	NON-65	NON-300
NON-1 1/4	NON-9	NON-70	NON-350
NON-1 1/2	NON-10	NON-75	NON-400
NON-1 3/4	NON-12	NON-80	NON-450
NON-2	NON-15	NON-90	NON-500
NON-2 1/2	NON-20	NON-100	NON-600
NON-3	NON-25	NON-110	—
NON-3 3/4	NON-30	NON-125	—
NON-4	NON-35	NON-150	—

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
NON 1/8-30	10	0.38	0.172
NON 35-60	10	1.00	0.453
NON 65-100	5	0.79	0.358
NON 110-200	1	0.79	0.358
NON 225-400	1	1.65	0.748
NON 450-600	1	2.76	1.25

*Weight per carton.

Catalogue Symbol & Current Ratings

Symbol	Rating	Class	Volt	IR
NON	0-60	K5	250AC	50,000
	65-600	H	250AC	10,000
	0-60	K5	125DC	50,000
	65-100	H	125DC	10,000
NOS	0-60	K5	600	50,000
	70-600	H	600	10,000

Catalogue Numbers (600V AC)			
NOS-1	NOS-12	NOS-70	NOS-200
NOS-2	NOS-15	NOS-75	NOS-225
NOS-3	NOS-20	NOS-80	NOS-250
NOS-4	NOS-25	NOS-90	NOS-300
NOS-5	NOS-30	NOS-100	NOS-350
NOS-6	NOS-35	NOS-110	NOS-400
NOS-7	NOS-40	NOS-125	NOS-450
NOS-8	NOS-45	NOS-150	NOS-500
NOS-9	NOS-50	NOS-175	NOS-600
NOS-10	NOS-60	—	—

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
NOS 1-30	10	1.45	0.657
NOS 35-60	10	2.6	1.179
NOS 70-100	5	2.80	1.270
NOS 110-200	1	1.24	0.562
NOS 225-400	1	3.03	1.374
NOS 450-600	1	4.63	2.100

*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to Data Sheet: 8002.

Low-Peak® Dual-Element, Time-Delay, CLASS J Fuses

LPJ_SP

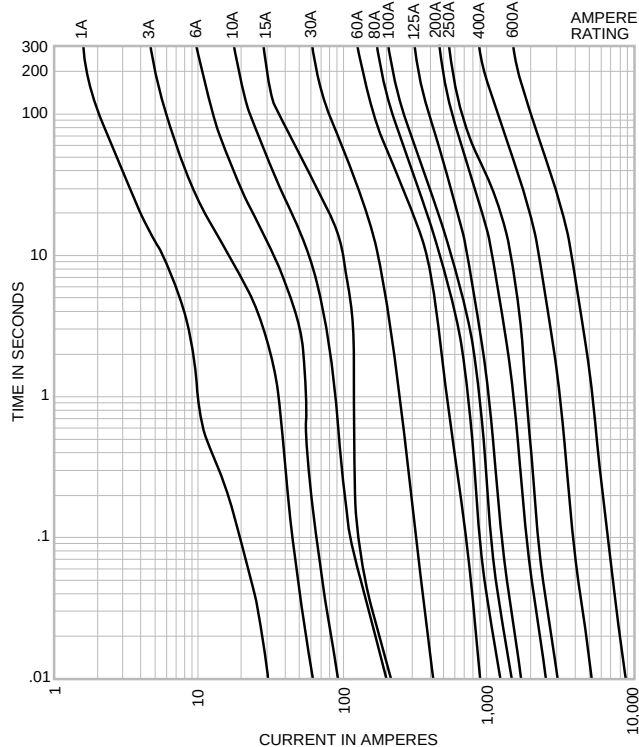
Dual-Element,
Time-Delay –
10 seconds (minimum)
at 500% rated current
Ampere Ratings:
1-600 Amps.
Voltage Rating:
600 Volts AC (or less),
300 Volts DC (or less)
Current Limiting
Interrupting Rating:
AC – 300,000A RMS Sym.
DC – 100,000A

Agency Information:

UL Listed - Special Purpose**, Guide JFHR, File E56412
CSA Certified (200,000 AIR) Class J per CSA-22.2 No. 248.8,
Class 1422-02, File 53787
Dimensions: See pages 52-53 for Class J dimensional data.



Time-Current Classification Curves—Average Melt



Catalogue Numbers

LPJ-1SP	LPJ-4½SP	LPJ-25SP	LPJ-125SP
LPJ-1¼SP	LPJ-5SP	LPJ-30SP	LPJ-150SP
LPJ-1⅓SP	LPJ-5⅓SP	LPJ-35SP	LPJ-175SP
LPJ-1⅔SP	LPJ-6SP	LPJ-40SP	LPJ-200SP
LPJ-2SP	LPJ-7SP	LPJ-45SP	LPJ-225SP
LPJ-2¼SP	LPJ-8SP	LPJ-50SP	LPJ-250SP
LPJ-2½SP	LPJ-9SP	LPJ-60SP	LPJ-300SP
LPJ-2⅔SP	LPJ-10SP	LPJ-70SP	LPJ-350SP
LPJ-3SP	LPJ-12SP	LPJ-80SP	LPJ-400SP
LPJ-3⅓SP	LPJ-15SP	LPJ-90SP	LPJ-450SP
LPJ-3½SP	LPJ-17½SP	LPJ-100SP	LPJ-500SP
LPJ-4SP	LPJ-20SP	LPJ-110SP	LPJ-600SP

**Meets all performance requirements of UL Standard 248-8 for Class J fuses.
Available with silver plated terminals. Add SP/ in front of part number.

Carton Quantity and Weight

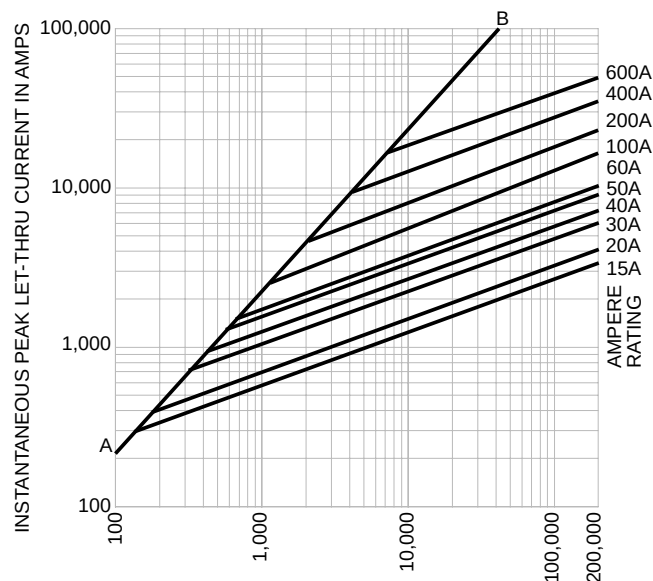
Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
0-30	10	1.09	0.49
35-60	10	1.78	0.81
70-100	5	1.69	0.77
110-200	5	4.21	1.91
225-400	1	1.67	0.76
450-600	1	2.80	0.27

*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to Data Sheet: 8002.

Current Limitation Curves

LPJ Current Limitation Curves



Limitron® Quick Acting, CLASS J Fuses



JKS

Quick Acting

Ampere Ratings: 1-600 Amps.

Voltage Rating: 600 Volts AC (or less)

Current Limiting

Interrupting Rating: 200,000A RMS Sym.

Agency Information: Std. 248-8, Class J

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class J dimensional data.

Catalogue Numbers			
JKS-1	JKS-15	JKS-70	JKS-225
JKS-2	JKS-20	JKS-80	JKS-250
JKS-3	JKS-25	JKS-90	JKS-300
JKS-4	JKS-30	JKS-100	JKS-350
JKS-5	JKS-35	JKS-110	JKS-400
JKS-6	JKS-40	JKS-125	JKS-450
JKS-8	JKS-45	JKS-150	JKS-500
JKS-10	JKS-50	JKS-175	JKS-600
JKS-12	JKS-60	JKS-20	

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	0.95	0.43
35-60	10	1.175	0.53
70-100	5	0.28	0.13
110-200	1	0.86	0.39
225-400	1	1.78	0.81
450-600	1	3.07	1.39

*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Recommended Fuseblocks for Class J Fuses
Pyramid J Fuseblock;
30A, 600V; 3-Pole; Panel or 35mm DIN-Rail Mount

Mounting	Catalogue Numbers		
	Screws with Pressure Plate	Box Aluminum	Copper Only
Panel	JP60030-3PR (#10-14 Cu Wire)	JP60030-3CR (#2-8 Al or #2-14 Cu)	JP60030-3COR (#2-14 Cu)
With DIN-Rail Adapter*	JP60030-3PRA (#10-14 Cu Wire)	JP60030-CRA (#2-8 Al or #2-14 Cu)	JP60030-CORA (#2-14 Cu)

*Adapter Only: Cat. No. JPA-3 (for use with 35mm symmetrical DIN-Rail).

Standard Class J Fuseblocks

Amps	Poles	Catalogue Numbers				
		Pressure Screw	Box Plate	Box Lug w/ Lug	Max. Wire Retaining Clip	Size
1-30	1	J60030-1S	J60030-1P	J60030-1C	J60030-1CR	S, P, #10 Cu C #2 Cu Al
	2	J60030-2S	J60030-2P	J60030-2C	J60030-2CR	
	3	J60030-3S	J60030-3P	J60030-3C	J60030-3CR	
35-60	1	—	—	J60060-1C	J60060-1CR	#2 Cu Al
	2	—	—	J60060-2C	J60060-2CR	
	3	—	—	J60060-3C	J60060-3CR	
70-100	3	—	—	—	J60100-3CR	1/0 Cu Al
110-200	1	—	—	—	J60200-1CR	250 MCM Cu Al
	3	—	—	—	J60200-3CR	
225-400	1	—	—	—	J60400-1CR	500 MCM Cu Al
	3	—	—	—	J60400-3CR	
450-600	1	—	—	—	J60600-1CR	(2) 500 MCM Cu Al
	3	—	—	—	J60600-3CR	

BIF document: 1114

Recommended Reducers for J Dimension Fuses

250 Volt				600 Volt			
Clip Size	Fuse Size	Cat. No. (Pair)	Weight Carton* (lbs)	Clip Size	Fuse Size	Cat. No. (Pair)	Weight Carton* (lbs)
60A	30A	J63	0.38	400A	100A	J41	4.90
100A	30A	J13	1.73	400A	200A	J42	2.75
100A	60A	J16	1.85	600A	400A	J64	3.55
200A	60A	J26	2.55	600A	200A	J62	3.55
200A	100A	J21	1.36	—	—	—	—

*Carton quantity—10 pair.

BIF document: 1026 (1-60A), 1027 (70-600A)

T-Tron® Very Fast Acting, CLASS T Fuses

JJN

Very Fast Acting
Ampere Ratings:
1-1200 Amps.

Voltage Rating:
300 Volts AC (or less),
(15-600A 160V DC;
601-1200 170V DC)

Current Limiting
(curves on page 263)

Interrupting Rating:

200,000A RMS Sym. (20,000A DC @ 160V DC)

Agency Information: Std. 248-15, Class T

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class T dimensional data.



JJS

Very Fast Acting
Ampere Ratings:
1-800 Amps.

Voltage Rating:
600 Volts AC (or less)

Current Limiting
(curves on page 263)

Interrupting Rating:

200,000A RMS Sym.

Agency Information:

Std. 248-15, Class T

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-02, File 53787

Dimensions: See pages 52-53 for Class T dimensional data.



Catalogue Numbers			
JJN-1	JJN-35	JJN-110	JJN-400
JJN-2	JJN-40	JJN-125	JJN-450
JJN-3	JJN-45	JJN-150	JJN-500
JJN-6	JJN-50	JJN-175	JJN-600
JJN-10	JJN-60	JJN-200	JJN-700
JJN-15	JJN-70	JJN-225	JJN-800
JJN-20	JJN-80	JJN-250	JJN-1000
JJN-25	JJN-90	JJN-300	JJN-1200
JJN-30	JJN-100	JJN-350	

**Meets all performance requirements of UL Standard 248-8 for Class J fuses.
Available with silver plated terminals. Add SP/ in front of part number.

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	0.12	0.054
35-60	10	0.23	0.104
70-100	5	0.36	0.163
110-200	1	0.14	0.063
225-400	1	0.25	0.113
450-600	1	0.44	0.200
700-800	1	0.80	0.363
1000-1200	1	1.45	0.658

*Weight per carton

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500V DC). Refer to BIF document #8002.

BIF document: 1025

Standard Class T Fuseblocks (300V) Catalogue Data

Amps	Poles	Catalogue Numbers	
		Screw	Box Lug
½	2	T30030-2SR	T30030-2CR
to	3	T30030-3SR	T30030-3CR
30	4	T30030-4SR	T30030-4CR
31	2	T30060-2SR	T30060-2CR
to	3	T30060-3SR	T30060-3CR
60	4	T30060-4SR	T30060-4CR
61	1	—	T30100-1CR
to	2	—	T30100-2CR
100	3	—	T30100-3CR
101 to	1	—	T30200-1C
200	3	—	T30200-3C
201 to 400	1	—	T30400-1C
401 to 600	1	—	T30600-1C

BIF document: 1115 (300V Fuseblock) and 1116 (600V Fuseblock)

Catalogue Numbers			
JJS-1	JJS-30	JJS-90	JJS-250
JJS-2	JJS-35	JJS-100	JJS-300
JJS-3	JJS-40	JJS-110	JJS-350
JJS-6	JJS-45	JJS-125	JJS-400
JJS-10	JJS-50	JJS-150	JJS-450
JJS-15	JJS-60	JJS-175	JJS-500
JJS-20	JJS-70	JJS-200	JJS-600
JJS-25	JJS-80	JJS-225	JJS-800

**Meets all performance requirements of UL Standard 248-8 for Class J fuses.
Available with silver plated terminals. Add SP/ in front of part number.

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	0.33	0.149
35-60	10	0.82	0.371
70-100	5	0.51	0.231
110-200	1	0.192	0.087
225-400	1	0.46	0.208
450-600	1	0.85	0.385
800	1	1.65	0.748

*Weight per carton.

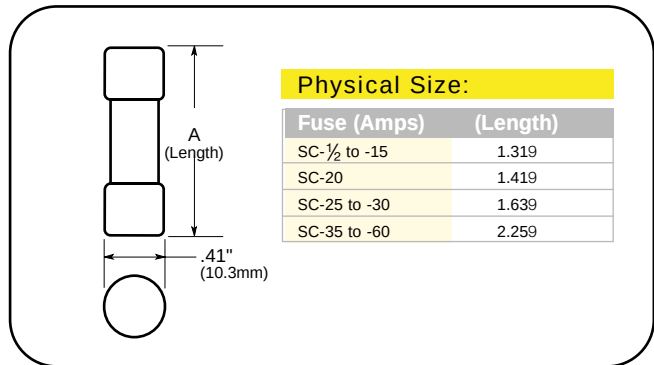
CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

BIF document: 1029

Standard Class T Fuseblocks (600V) Catalogue Data

Amps	Poles	Catalogue Numbers	
		Screw	Box Lug
½	1	T60030-1SR	T60030-1CR
to	2	T60030-2SR	T60030-2CR
30	3	T60030-3SR	T60030-3CR
31	1	T60060-1SR	T60060-1CR
to	2	T60060-2SR	T60060-2CR
60	3	T60060-3SR	T60060-3CR
61	1	—	T60100-1C
to	2	—	T60100-2C
100	3	—	T60100-3C
101 to	1	—	T60200-1C
200	3	—	T60200-3C
201 to 400	1	—	T60400-1C
401 to 600	1	—	T60600-1C

Time-Delay CLASS G Fuses



SC

Fast Acting ($\frac{1}{2}$ -6A), Class G

Time-Delay (7-60A), Class G

Construction: Melamine Tube

Ampere Ratings: $\frac{1}{2}$ -60A

Voltage Rating: $\frac{1}{2}$ -20: 600V AC/170V DC

25-60: 480V AC/300V DC (only UL)

Interrupting Rating: 100,000A RMS Sym., 10,000A DC

Agency Information: Std. 248-5, Class G, UL Listed,

Guide JDDZ, File E4273

CSA Certified, Class 1422-01, File 53787

- Compact branch-circuit units with high interrupting rating and current limitation.
- With a 600 volt rating, they can be used in 120/208, 120/240 and 277/480 volt circuits.
- Length variations relative to case size make the “rejection” type fuses.
- SC fuses with ampere ratings above 6 amps have a degree of overload time-delay which permits them to pass temporary overloads. At 200% load, they have a minimum opening time of 12 seconds.

Catalogue Symbol & Current Ratings		
SC- $\frac{1}{2}$	SC-6	SC-25
SC-1	SC-7	SC-30
SC-1 $\frac{1}{2}$	SC-8	SC-35
SC-2	SC-9	SC-40
SC-2 $\frac{1}{2}$	SC-10	SC-45
SC-3	SC-12	SC-50
SC-4	SC-15	SC-60
SC-5	SC-20	—

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
$\frac{1}{2}$ -15	4	0.06	0.03
20	4	0.06	0.03
25-30	2	0.04	0.02
35-60	2	0.08	0.03

*Weight per carton

Panel-mount Fuseholders for SC Fuses

Catalogue Number	Description	Terminal Type
	Fuse Size	
HPF-EE	1-15A	Solder (w/o leads)
HPF-FEE	1-15A	Leads; 10" #18 copper insul. wire
HPF-JJ	20A	Solder (w/o leads)
HPF-FF	25-30A	Solder (w/o leads)
HPS-EE	1-15A	Solder (w/o leads)

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Standard SC Fuseblocks Catalogue Data

Amps	Poles	Terminal Type			
		Screw With Quick Connect	Pressure Plate w/Quick Connect	Box Lug	Box Lug w/Retaining Clip
$\frac{1}{2}$	1	BG3011SQ	BG3011PQ	BG3011B	—
to	2	BG3012SQ	BG3012PQ	BG3012B	—
15	3	BG3013SQ	BG3013PQ	BG3013B	—
1		BG3021SQ	BG3021PQ	BG3021B	—
20	2	BG3022SQ	BG3022PQ	BG3022B	—
3		BG3023SQ	BG3023PQ	BG3023B	—
25	1	BG3031S	BG3031P	BG3031B	—
to	2	BG3032S	BG3032P	BG3032B	—
30	3	BG3033S	BG3033P	BG3033B	—
35	1	—	—	—	G30060-1CR
to	2	—	—	—	G30060-2CR
60	3	—	—	G30060-3C	G30060-3CR

Low-Peak® Time-Delay, CLASS CC Fuses



LP-CC Low-Peak® Fuse

Time-Delay Current Limiting,

Class CC - Rejection Type

Physical Size:

$1\frac{3}{32}'' \times 1\frac{1}{2}''$

(10.3mm × 38.1mm)

Ampere Ratings: $\frac{1}{2}$ - 30 Amps.

Voltage Rating: 600 Volts AC (or less),

300V DC ($\frac{1}{2}$ -2 $\frac{3}{10}$ A

& 20-30A), 150V DC (3-15A)

Interrupting Rating: 200,000A RMS Sym; 20,000A DC

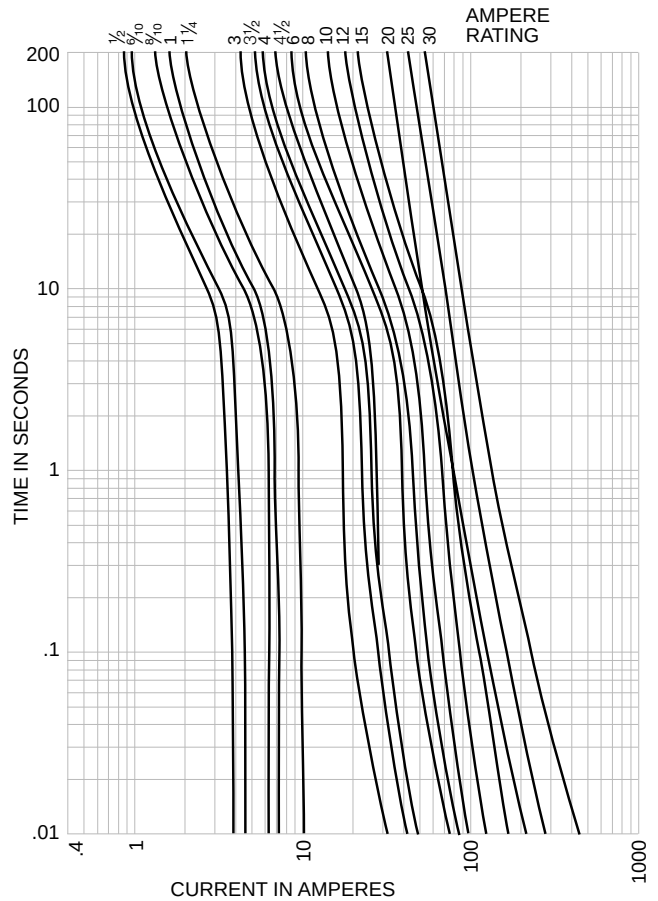
Construction: Melamine Tube

Agency Information: Std. 248-4, Class CC

UL Listed, Guide JDDZ, File E4273

CSA Certified; Class 1422-02, File 53787

Time Current Characteristics—Average Melt



Catalogue Symbol		
600 Volts AC		
LP-CC- $\frac{1}{2}$	LP-CC-2 $\frac{1}{2}$	LP-CC-7 $\frac{1}{2}$
LP-CC- $\frac{3}{10}$	LP-CC-2 $\frac{3}{10}$	LP-CC-8
LP-CC- $\frac{3}{10}$	LP-CC-3	LP-CC-9
LP-CC-1	LP-CC-3 $\frac{3}{10}$	LP-CC-10
LP-CC-1 $\frac{1}{8}$	LP-CC-3 $\frac{1}{2}$	LP-CC-12
LP-CC-1 $\frac{1}{4}$	LP-CC-4	LP-CC-15
LP-CC-1 $\frac{1}{10}$	LP-CC-4 $\frac{1}{2}$	LP-CC-20
LP-CC-1 $\frac{1}{2}$	LP-CC-5	LP-CC-25
LP-CC-1 $\frac{3}{10}$	LP-CC-5 $\frac{1}{10}$	LP-CC-30
LP-CC-1 $\frac{3}{10}$	LP-CC-6	
LP-CC-2	LP-CC-6 $\frac{1}{4}$	
LP-CC-2 $\frac{1}{4}$	LP-CC-7	

Recommended Fuseblocks for Class CC Fuses

No. of Poles	Screw Terminal	Pressure Plate	Screw Box Terminal	Pressure Quick-Connect	Quick-Connect
1	BC6031S	BC6031P	BC6031B	BC6031SQ	BC6031PQ
2	BC6032S	BC6032P	BC6032B	BC6032SQ	BC6032PQ
3	BC6033S	BC6033P	BC6033B	BC6033SQ	BC6033PQ

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Current-Limiting Effects

Prospective Short-Circuit Current	*Let-Thru Current (Apparent RMS Symmetrical)					
	1 $\frac{1}{4}$ A	2 $\frac{3}{10}$ A	15A	20A	25A	30A
1000	100	135	240	305	380	435
3000	140	210	350	440	575	580
5000	165	255	420	570	690	710
10,000	210	340	540	700	870	1,000
20,000	260	435	680	870	1,090	1,305
30,000	290	525	800	1,030	1,300	1,520
40,000	315	610	870	1,150	1,390	1,700
50,000	340	650	915	1,215	1,520	1,820
60,000	350	735	1,050	1,300	1,650	1,980
80,000	390	785	1,130	1,500	1,780	2,180
100,000	420	830	1,210	1,600	2,000	2,400
200,000	525	1,100	1,600	2,000	2,520	3,050

*RMS Symmetrical Amperes Short-Circuit

NOTE: To calculate I_p (I_{peak}) multiply I_{RMS} value $\times 2.3$.

CLASS CC Rejection-Type Fuses



FNQ-R

Time-Delay, Rejection Type
Branch Circuit Fuse
Class CC
Physical Size:
 $1\frac{3}{32}'' \times 1\frac{1}{2}''$ (10.3mm $\times$ 38.1mm)
Construction: Melamine Tube
Ampere Ratings: $\frac{1}{4}$ -30 Amps.
Voltage Rating: 600V AC or less
Interrupting Rating: 200,000A RMS Sym.
Agency Information: Std. 248-4, Class CC
UL Listed, Guide JDDZ, File E4273
CSA Certified, Class 1422-01, File 53787

Catalogue Symbol & Current Ratings		
600 Volts AC		
FNQ-R- $\frac{1}{4}$	FNQ-R- $1\frac{1}{10}$	FNQ-R-7
FNQ-R- $\frac{3}{10}$	FNQ-R- $1\frac{1}{10}$	FNQ-R- $7\frac{1}{2}$
FNQ-R- $\frac{4}{10}$	FNQ-R-2	FNQ-R-8
FNQ-R- $\frac{1}{2}$	FNQ-R- $2\frac{1}{4}$	FNQ-R-9
FNQ-R- $\frac{9}{10}$	FNQ-R- $2\frac{1}{2}$	FNQ-R-10
FNQ-R- $\frac{3}{4}$	FNQ-R- $2\frac{9}{10}$	FNQ-R-12
FNQ-R- $\frac{8}{10}$	FNQ-R-3	FNQ-R-15
FNQ-R-1	FNQ-R- $3\frac{3}{10}$	FNQ-R- $17\frac{1}{2}$
FNQ-R- $1\frac{1}{8}$	FNQ-R- $3\frac{1}{20}$	FNQ-R-20
FNQ-R- $1\frac{1}{4}$	FNQ-R-4	FNQ-R-25
FNQ-R- $1\frac{3}{10}$	FNQ-R-5	FNQ-R-30
FNQ-R- $1\frac{7}{10}$	FNQ-R-6	—
FNQ-R- $1\frac{1}{2}$	FNQ-R- $6\frac{1}{4}$	—

CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

BIF document: 1014

Recommended Fuseblocks for Class CC Fuses

No. of Poles	Screw Terminal	Screw Pressure Plate	Pressure Box Terminal	Quick-Connect	Quick-Connect
1	BC6031S	BC6031P	BC6031B	BC6031SQ	BC6031PQ
2	BC6032S	BC6032P	BC6032B	BC6032SQ	BC6032PQ
3	BC6033S	BC6033P	BC6033B	BC6033SQ	BC6033PQ

BIF document: 1105



KTK-R Limitron® Fuse

Fast Acting; Branch Circuit Fuse
Class CC - Rejection Feature
Physical Size:
 $1\frac{3}{32}'' \times 1\frac{1}{2}''$ (10.3mm $\times$ 38.1mm)
Construction: Melamine Tube
Ampere Ratings: $\frac{1}{10}$ -30 Amps.
Voltage Rating: 600 Volts AC (or less).
Interrupting Rating: 200,000A RMS Sym.
Agency Information: Std. 248-4, Class CC
UL Listed, Guide JDDZ, File E4273
CSA Certified, File 53787, Class 1422-02

Catalogue Symbol & Current Ratings		
600 Volts AC		
KTK-R- $\frac{1}{10}$	KTK-R-1	KTK-R-7
KTK-R- $\frac{1}{8}$	KTK-R- $1\frac{1}{2}$	KTK-R-8
KTK-R- $\frac{2}{10}$	KTK-R-2	KTK-R-9
KTK-R- $\frac{1}{4}$	KTK-R- $2\frac{1}{2}$	KTK-R-10
KTK-R- $\frac{3}{10}$	KTK-R-3	KTK-R-12
KTK-R- $\frac{4}{10}$	KTK-R- $3\frac{1}{2}$	KTK-R-15
KTK-R- $\frac{1}{2}$	KTK-R-4	KTK-R-20
KTK-R- $\frac{6}{10}$	KTK-R-5	KTK-R-25
KTK-R- $\frac{3}{4}$	KTK-R-6	KTK-R-30

CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

BIF document: 1015

1³/₃₂" x 1³/₈" Supplementary Fuses



BBS

Fast Acting

Physical Size:

1³/₃₂" x 1³/₈" (10.3mm x 35mm)

Construction: Fibre Cartridge

Interrupting Rating: 10,000A RMS Sym.

Ampere Ratings: 1/10-30A

Voltage Rating: 600V AC (1/10-5A), 250V AC (6-10A),

48V AC (12-30A)

Agency Information: Std. 248-14

UL Listed, 0-5A/600V, Guide JDYX, File E19180

CSA Certified, 0-5A/600V, Class 1422-01, File 53787



KTQ

Fast Acting

Physical Size:

1³/₃₂" x 1³/₈" (10.3mm x 34.9mm)

Construction: Fibre Cartridge

Ampere Ratings: 1-6A

Voltage Rating: 600V AC

Interrupting Rating: 10,000A RMS Sym.

Agency Information: Std. 248-14

UL Recognized, 4-6A, Guide JDYX2, File E19180

Catalogue Symbol & Current Ratings		
600 Volts AC	250 Volts AC	48 Volts AC
BBS-1/10	BBS-6	BBS-12
BBS-2/10	BBS-7	BBS-15
BBS-1/4	BBS-8	BBS-20
BBS-3/10	BBS-10	BBS-25
BBS-1/2	—	BBS-30
BBS-9/10	—	—
BBS-3/4	—	—
BBS-8/10	—	—
BBS-1	—	—
BBS-1 1/2	—	—
BBS-1 9/10	—	—
BBS-1 1/10	—	—
BBS-2	—	—
BBS-3	—	—
BBS-4	—	—
BBS-5	—	—

Recommended Fuseblocks

Amps	Poles	Terminal Type		
		Screw with Quick Connect	Pressure Plate w/ Quick Connect	Box Lug
1/10	1	BM6031SQ	BM6031PQ	BM6031B
to	2	BM6032SQ	BM6032PQ	BM6032B
30	3	BM6033SQ	BM6033PQ	BM6033B

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Catalogue Symbol & Current Ratings	
600 Volts AC	
KTQ-1	
KTQ-1 1/10	
KTQ-2	
KTQ-3	
KTQ-4	
KTQ-5	
KTQ-6	

Recommended Fuseblocks

Amps	Poles	Terminal Type		
		Screw with Quick Connect	Pressure Plate w/ Quick Connect	Box Lug
1/10	1	BM6031SQ	BM6031PQ	BM6031B
to	2	BM6032SQ	BM6032PQ	BM6032B
30	3	BM6033SQ	BM6033PQ	BM6033B

BIF document: 1104

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

1³/₃₂" x 1¹/₂" Supplementary Fuses



BAF

Fast Acting

Physical Size:

1³/₃₂" x 1¹/₂"

(10.3mm x 38.1mm)

Construction: Fibre Tube;

Nickel Plated Brass Endcaps

Voltage Rating: 250V AC

(²/₁₀-15A), 125V AC (20-30A)

Interrupting Rating: 10,000A at 125V AC

Agency Information: Std. 248-14
UL 0-15/250V, Guide JDYX,
File E19180

CSA Certified, 0-15/250V,
Class 1422-01, File 53787

Catalogue Symbol & Current Ratings

250 Volts IR*	250 Volts IR*	250 Volts IR*	125 Volts
BAF- ² / ₁₀	BAF-1 ¹ / ₂	BAF-6 ¹ / ₄	BAF-20 IR
BAF- ¹ / ₄	BAF-1 ¹ / ₁₀	BAF-7 IR	BAF-25 10000A
BAF- ¹ / ₂ IR	BAF-2 100A	BAF-8 200A	BAF-30
BAF- ³ / ₁₀ 35A	BAF-2 ¹ / ₂	BAF-9	—
BAF- ³ / ₁₀	BAF-3	BAF-10	—
BAF-1	BAF-4 IR	BAF-12 IR	—
—	BAF-5 200A	BAF-15 750A	—
—	BAF-6	—	—

*All have interrupting rating of 10,000A at 125V.

Recommended Fuseblocks

Amps	Poles	Terminal Type		
		Screw with Quick Connect	Pressure Plate w/ Quick Connect	Box Lug
¹ / ₁₀	1	BM6031SQ	BM6031PQ	BM6031B
to	2	BM6032SQ	BM6032PQ	BM6032B
30	3	BM6033SQ	BM6033PQ	BM6033B

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to Data Sheet: 8002.



BAN

Fast Acting

Physical Size:

1³/₃₂" x 1¹/₂"

(10.3mm x 38.1mm) - 5AG

Construction: Fibre Tube

Voltage Rating: 250V AC

Interrupting Ratings: Military Tested

35A (1.1.-3.5A)

100A (3.6-10A)

200A (10.1-15A)

750A (15.1-30A)

Catalogue Symbol & Current Ratings

250 Volts IR*	250 Volts IR*	250 Volts IR*	125 Volts
BAN-1	BAN-5	BAN-12	BAN-30
BAN-2	BAN-6	BAN-15	—
BAN-3	BAN-8	BAN-20	—
BAN-4	BAN-10	BAN-25	—

Recommended Fuseblocks

Amps	Poles	Terminal Type		
		Screw with Quick Connect	Pressure Plate w/ Quick Connect	Box Lug
¹ / ₁₀	1	BM6031SQ	BM6031PQ	BM6031B
to	2	BM6032SQ	BM6032PQ	BM6032B
30	3	BM6033SQ	BM6033PQ	BM6033B



KTK and KLM

Fast Acting

Physical Size:

1³/₃₂" x 1¹/₂" (10.3mm x 38.1mm)

Construction: Melamine Tube;

Nickel Plated Brass Endcaps

Voltage Rating:

KTK - 600V AC or less

KLM - ¹/₁₀-¹/₈A: 500VAC/600VDC

²/₁₀-10A: 500V AC/DC,

12-30A: 500VAC/600VDC

Interrupting Rating:

100,000A - KTK; 10,000A - KLM, RMS

SYM. (UL)

Agency Information: Std. 248-14

KTK-UL Listed, Guide JDYX,

File E19180

KLM-UL Recognized, Guide JFHR2,

File E56412

CSA Certified, File 53787, Class

1422-01, HRC-Misc

Catalogue Symbol & Current Ratings

600 Volts AC - UL Listed and C.S.A.

KTK- ¹ / ₁₀	KTK- ³ / ₄	KTK-4	KTK-12
KTK- ¹ / ₈	KTK-1	KTK-5	KTK-15
KTK- ² / ₁₀	KTK-1 ¹ / ₄	KTK-6	KTK-20
KTK- ¹ / ₄	KTK-1 ¹ / ₂	KTK-7	KTK-25
KTK- ³ / ₁₀	KTK-2	KTK-7 ¹ / ₂	KTK-30
KTK- ¹ / ₂	KTK-2 ¹ / ₂	KTK-8	—
KTK- ¹ / ₂	KTK-3	KTK-9	—
KTK- ³ / ₁₀	KTK-3 ¹ / ₂	KTK-10	—

*500 Volts AC/DC - UL Recognized and C.S.A.

KLM- ¹ / ₁₀	KLM- ³ / ₄	KLM-5	KLM-20
KLM- ¹ / ₈	KLM-1	KLM-6	KLM-25
KLM- ² / ₁₀	KLM-1 ¹ / ₄	KLM-8	KLM-30
KLM- ¹ / ₄	KLM-2	KLM-10	—
KLM- ³ / ₁₀	KLM-3	KLM-12	—
KLM- ¹ / ₂	KLM-4	KLM-15	—

*KLM-(¹/₁₀-¹/₈ & 12-30): 500VAC/600VDC

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to Data Sheet: 8002.

13/32" x 1 1/2" Supplementary Fuses



FNM Fusetron® Fuse

Time-Delay

Physical Size: 13/32" x 1 1/2" (5 AG)
(10.3mm x 38.1mm)

Construction: Fibre Tube

Ampere Ratings: 1/10 - 30 Amps.

Voltage Rating: 250 Volts AC (or less).

Interrupting Rating: See Table Below.

Agency Information: Std. 248-14

UL Listed, 0-10/250V; 12-15/125V;

File E19180, Guide JDYX

CSA Certified, 1-10/250V; Class 1422-01, 12-15/125V;
File 53787



FNQ

Time-Delay

Physical Size:

13/32" x 1 1/2" (5 AG)
(10.3mm x 38.1mm)

Construction: Fibre Tube

Ampere Ratings: 1/10 - 30 Amps.

Voltage Rating: 500V AC or less

Interrupting Rating: 10,000A RMS Sym.

Agency Information: Std. 248-14

UL Listed, Guide JDYX, File E19180

CSA Certified, Class 1422-01, File 53787

Catalogue Symbol & Current Ratings			
250 Volts AC	IR	250 Volts AC	IR
FNM-1/10	35A @ 250V AC 10,000A @ 125V AC	FNM-1 1/8	100A @ 250V AC 10,000A @ 125V AC
FNM-1/8		FNM-1 1/4	
FNM-15/100		FNM-1 3/4	
FNM-2/10		FNM-1 1/2	
FNM-1/4		FNM-1 9/10	
FNM-3/10		FNM-1 7/10	
FNM-4/10		FNM-2	
FNM-1/2		FNM-2 1/4	
FNM-5/10		FNM-2 1/2	
FNM-3/4		FNM-2 3/10	
FNM-9/10		FNM-3	
FNM-1		FNM-3 1/10	
—		FNM-3 1/2	
250 Volts AC	IR	125 Volts AC	IR
FNM-4	200A @ 250V AC 10,000A @ 125V AC	FNM-12	10,000A @ 125V AC
FNM-4 1/2		FNM-15	
FNM-5		—	
FNM-5 5/10		—	
FNM-6		32 Volts AC	
FNM-6 1/4		FNM-20	
FNM-7		FNM-25	
FNM-8		FNM-30	
FNM-9		—	
FNM-10		—	

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.

Catalogue Symbol & Current Ratings			
500 Volts AC			
FNQ-1/10	FNQ-9/10	FNQ-3 3/10	FNQ-8
FNQ-1/8	FNQ-1	FNQ-3 1/2	FNQ-9
FNQ-15/100	FNQ-1 1/8	FNQ-4	FNQ-10
FNQ-3/16	FNQ-1 1/4	FNQ-4 1/2	FNQ-12
FNQ-2/10	FNQ-1 1/2	FNQ-5	FNQ-14
FNQ-1/4	FNQ-1 9/10	FNQ-5 5/10	FNQ-15
FNQ-3/10	FNQ-2	FNQ-6	FNQ-20
FNQ-1/10	FNQ-2 1/4	FNQ-6 1/4	FNQ-25
FNQ-1/2	FNQ-2 1/2	FNQ-7	FNQ-30
FNQ-9/10	FNQ-3	—	—

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000V AC, 75-1500V DC). Refer to BIF document #8002.