

Limitron®

Fast-Acting Fuses

600 Volt

KTS-R

1-600A

**Catalog Symbol:** KTS-R

Fast-Acting

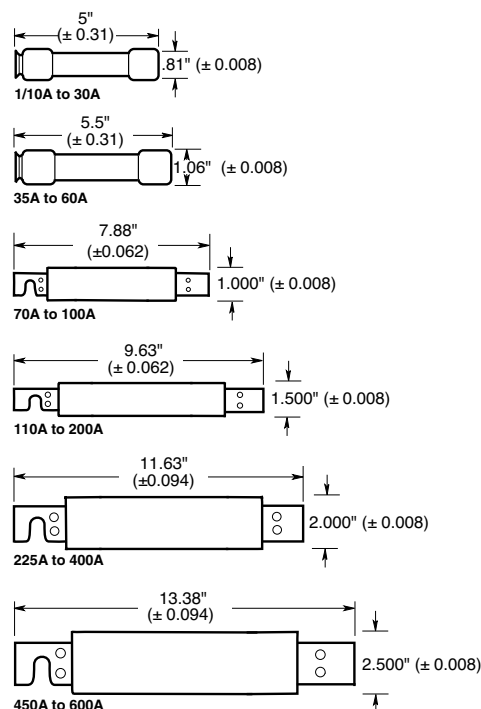
Current-Limiting

Ampere Rating: 1 to 600A**Voltage Rating:** 600Vac (or less)***Interrupting Rating:** 200,000A RMS Sym.**Tube Material:** Glass Melamine**End Caps:** 70/30 Brass**Operating Temp.:** -40°C to +85°C**Storage Temp.:** -55°C to +85°C**Agency Information:**

CE, UL Listed, Std. 248-12, Class RK1, Guide JDDZ, File E54273 CSA Certified, C22.2 No. 248.12, Class 1422-02, File 53787

Catalog Numbers

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

Dimensional Data**Carton Quantity and Weight (600Vac)**

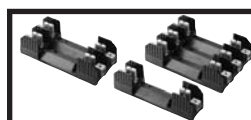
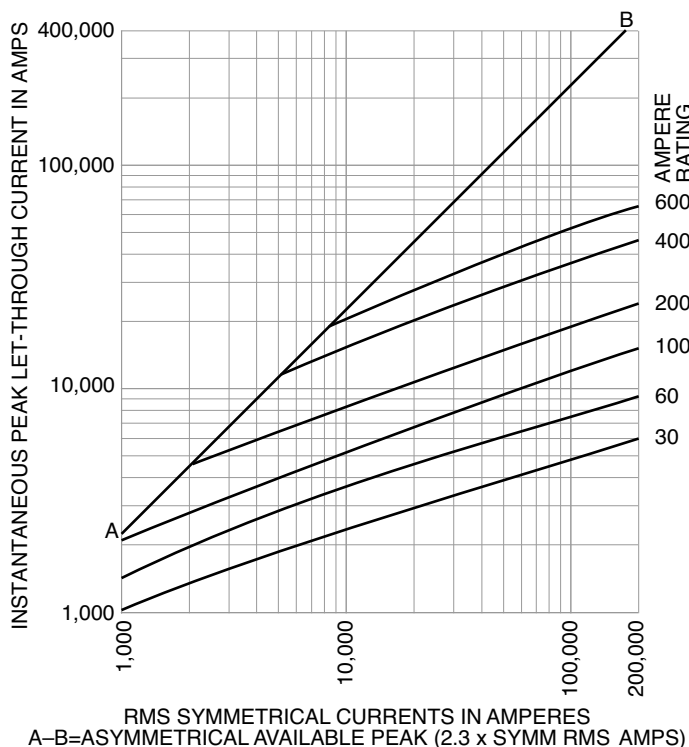
Amps	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	1.45	0.657
40-60	10	2.63	1.262
70-100	1	0.5	0.226
110-200	1	1.4	0.634
225-400	1	2.75	1.246
450-600	1	4.25	1.925

*Weight per carton.

General Information:

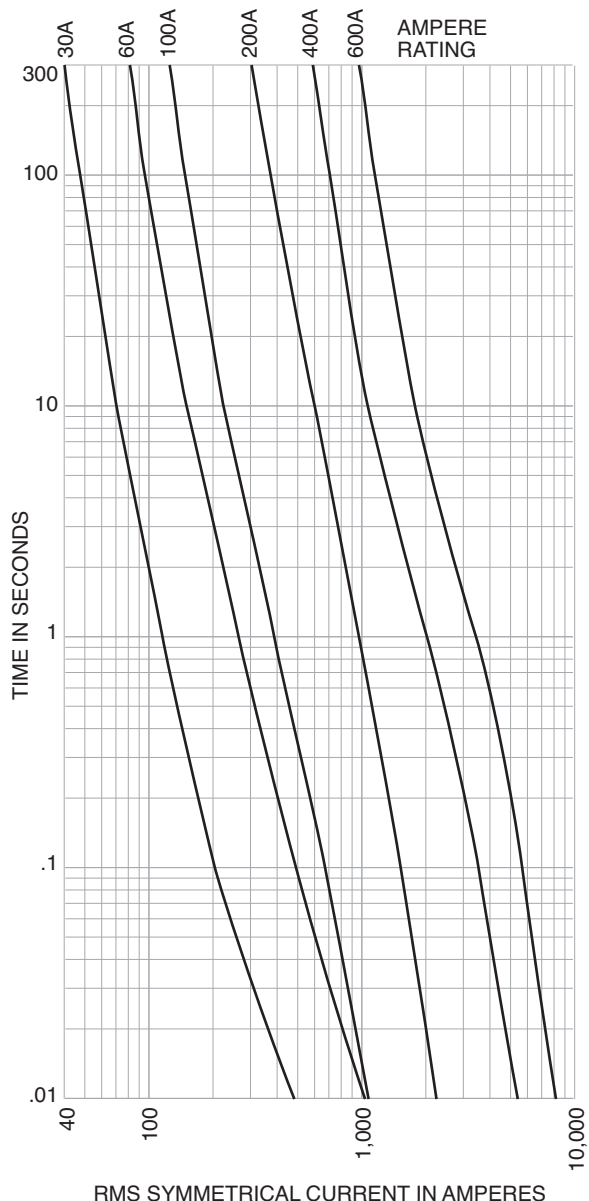
- Single-element, fast-acting fuses with minimal time-delay.
- Provides a high degree of short-circuit current-limitation (component protection).
- Particularly suited for circuits and loads with no heavy surge currents of motors, transformers, solenoids, and welders.
- LIMITRON fuses are commonly used to protect circuit breakers with lower interrupting ratings.
- If used in circuits with surge currents (motors, etc.) must be sized to prevent unwanted opening and thus only provide short-circuit protection.
- Incorporate Class R rejection feature. Can be inserted in non-rejection type fuseholders. Thus, can physically and electrically replace fast-acting Class H, K1, K5, RK5, and other fast-acting fuses.

Current-Limitation Curves



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

Time-Current Characteristic Curves-Average Melt



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