

Limitron®

Fast-Acting Fuses

600 Volt

KTS-R

1-600A


Catalog Symbol: KTS-R

Fast-Acting

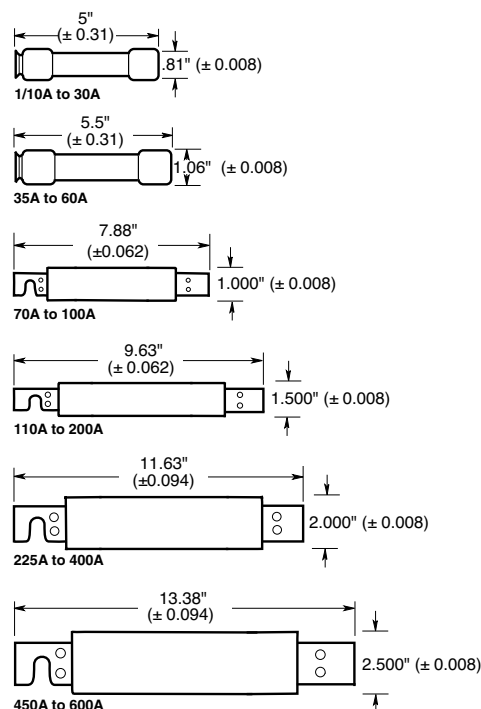
Current-Limiting

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)

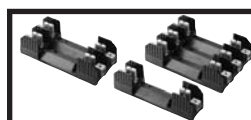
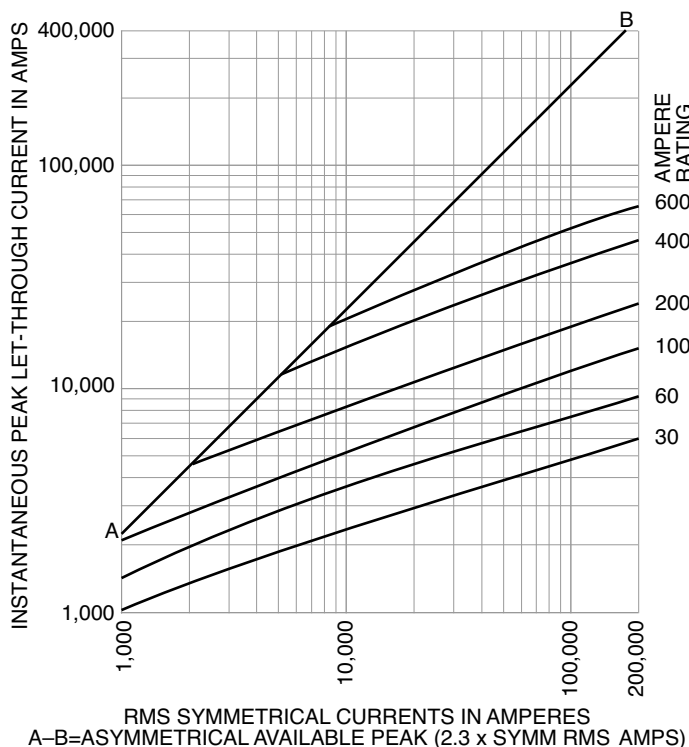
Amps	Carton Qty.	Weight*	
		Lbs.	Kg.
1-30	10	1.45	0.657
40-60	10	2.63	1.262
70-100	1	0.5	0.226
110-200	1	1.4	0.634
225-400	1	2.75	1.246
450-600	1	4.25	1.925

*Weight per carton.

General Information:

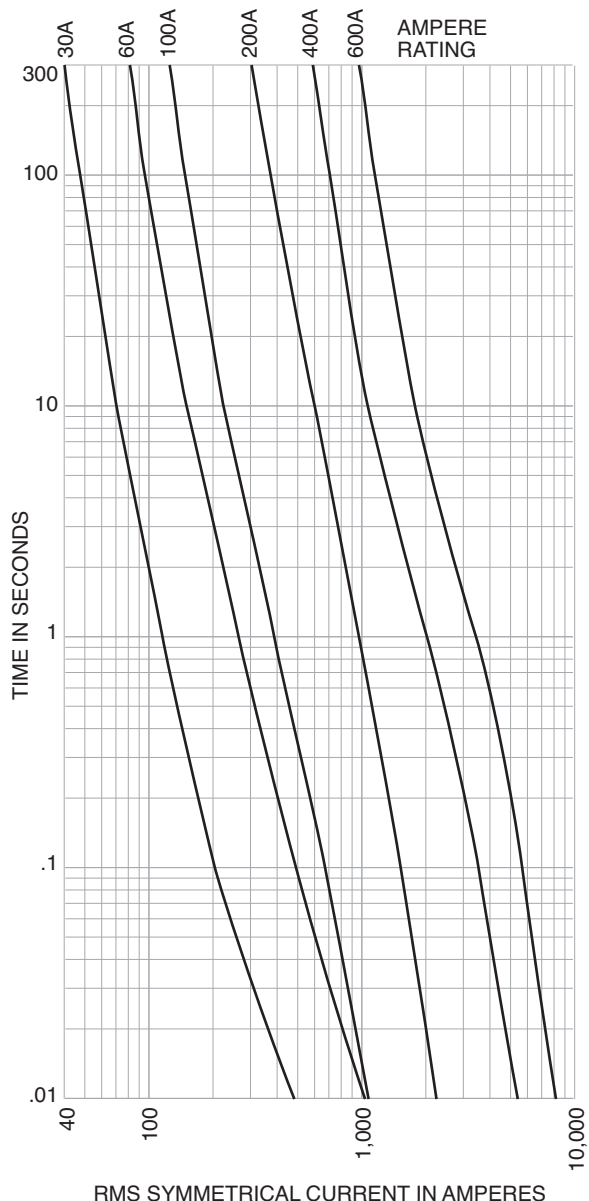
- Single-element, fast-acting fuses with minimal time-delay.
- Provides a high degree of short-circuit current-limitation (component protection).
- Particularly suited for circuits and loads with no heavy surge currents of motors, transformers, solenoids, and welders.
- LIMITRON fuses are commonly used 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



The only controlled copy of this Data Sheet is the electronic read-only version located on the Cooper Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Cooper Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Cooper Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Eaton:](#)

[KTS-B-30](#) [KTS-S-10](#) [KTS-S-100](#) [KTS-S-125](#) [KTS-S-15](#) [KTS-S-150](#) [KTS-S-20](#) [KTS-S-200](#) [KTS-S-225](#) [KTS-S-25](#)
[KTS-S-30](#) [KTS-S-40](#) [KTS-S-400](#) [KTS-S-6](#) [KTS-S-60](#) [KTS-S-600](#) [KTS-S-70](#) [KTS-S-80](#)