COOPER Bussmann

Limitron®

Fast-Acting Fuses
600 Volt

KTS-R

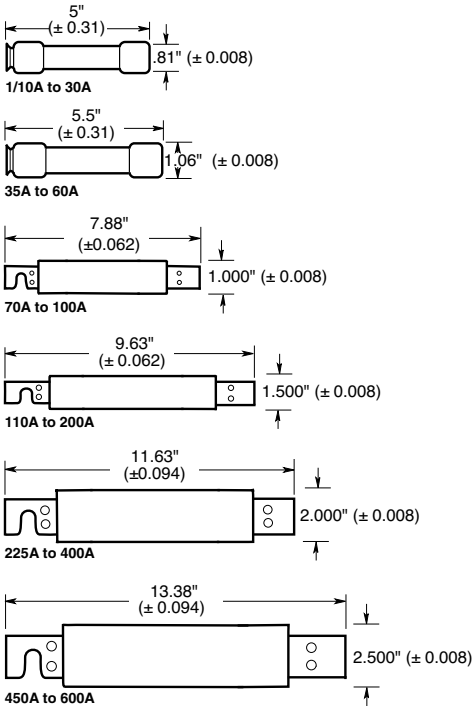
1-600A

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)

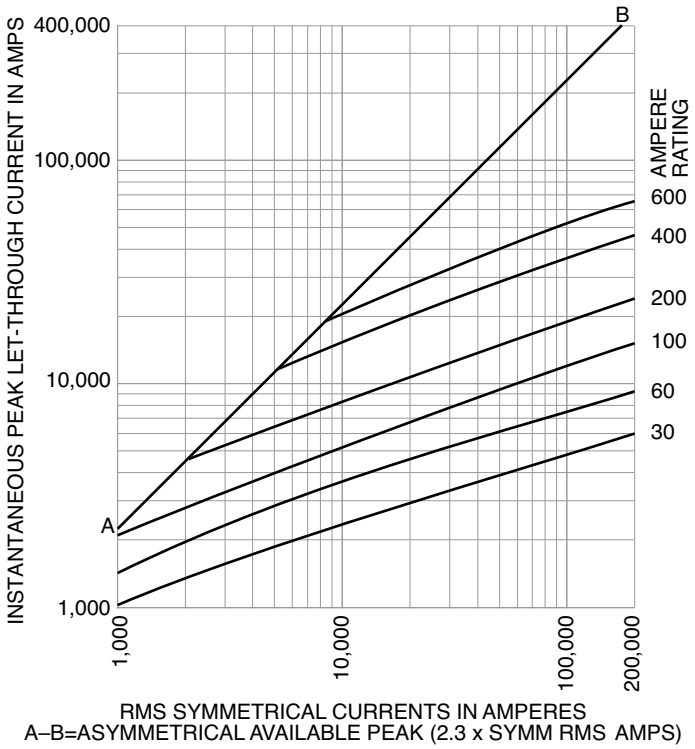
Amps	Carton Qty.	Weight* Lbs.	Weight* Kg.
1–30	10	1.45	0.657
40–60	10	2.63	1.262
70–100	1	0.5	0.226
110–200	1	1.4	0.634
225–400	1	2.75	1.246
450–600	1	4.25	1.925

*Weight per carton.

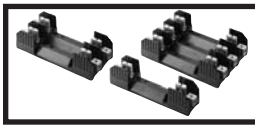
General Information:

- 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

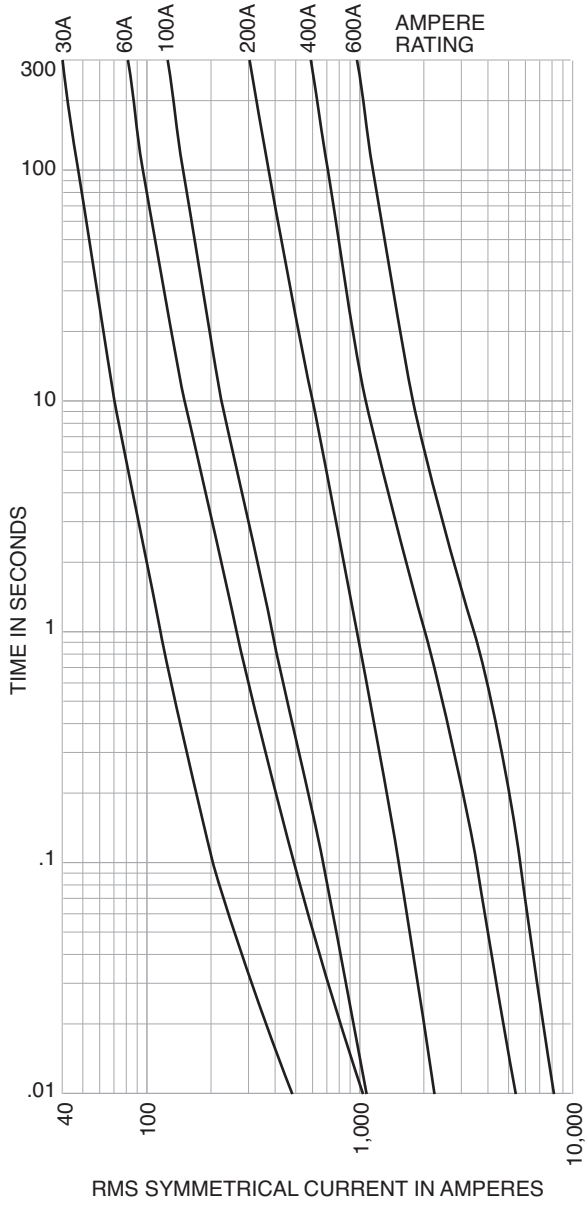


A–B=ASYMMETRICAL AVAILABLE PEAK (2.3 x SYMM RMS AMPS)



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

Time-Current Characteristic Curves–Average Melt



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