

KTS-R – 600Vac, 1-600A, Fast-Acting Fuses



Description: Advanced protection Class RK1 current-limiting, fast-acting fuses.

Catalog Symbol: KTS-R-(amp)

Ratings:

- Volts – 600Vac
- Amps – 1-600A
- IR – 200kA Vac RMS Sym.

Agency Information:

CE, UL Listed, Std. 248-12, Class RK1, Guide JDDZ, File E4273
 CSA Certified, C22.2 No. 248.12, Class 1422-02, File 53787

Catalog Numbers (amps)

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

Carton Quantity and Weight

Amp Rating	Carton Qty.
1-30	10
40-60	10
70-100	1
110-200	1
225-400	1
450-600	1

Dimensions – in



Features:

- 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
- 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. It is recommended to use an ultimate protection Low-Peak™ LPS-RK time-delay fuse for inductive load applications.
- Incorporate Class R rejection feature. Can be inserted in non-rejection type fuse holders to physically and electrically replace fast-acting Class H, K1, K5, RK5, and other fast-acting fuses.

Recommended Fuse Blocks

Fuse Amps	1-Pole	2-Pole	3-Pole
0-30	R60030-1	R60030-2	R60030-3
35-60	R60060-1	R60060-2	R60060-3
70-100	RM60100-1CR	RM60100-2CR	RM60100-3CR
110-200	RM60200-1CR	RM60200-2CR	RM60200-3CR
225-400	RM60400-1CR	RM60400-2CR	RM60400-3CR
450-600	RM60600-1CR	RM60600-2CR	RM60100-3CR

For additional information on 600 volt fuse blocks, see Data Sheet # 1111 (1-60A) and product brochure # 3192 (70-600A).

Fuse Reducers For Class R Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalog Numbers (Pairs)
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
	100A	NO.2661-R
600A	200A	NO.2662-R
	400A	NO.2664-R†

† Single reducer only (pair not required).

For additional information on Class R fuse reducers, see Data Sheet # 1118.

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Time-Current Curves - Average Melt



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Current-Limitation Curves



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