

KTN-R — 250Vac, 1-600A, Fast-Acting Fuses



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

Catalog Symbol: KTN-R-(amp)

Ratings:

- Volts — 250Vac
- 250Vdc (70-600A)
- Amps — 1-600A
- IR — 200kA Vac RMS Sym.
- 100kA Vdc

Agency Information:

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

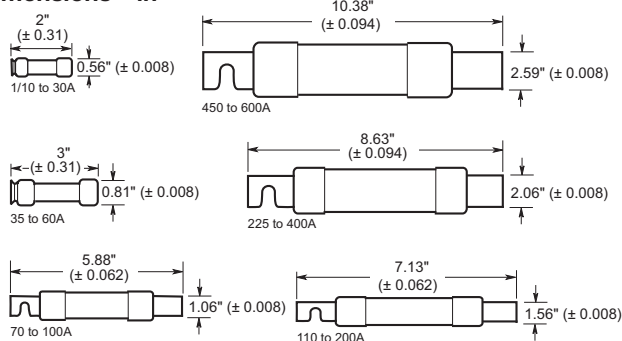
Catalog Numbers (amps)

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

Carton Quantity and Weight (250Vac)*

Amp Rating	Carton Qty.
1-30	10
40-60	10
70-100	5
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 and thus only provide short-circuit protection
- 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	H25030-1	H25030-2	H25030-3
	R25030-1	R25030-2	R25030-3
35-60	H25060-1	H25060-2	H25060-3
	R25060-1	R25060-2	R25060-3
70-100	RM25100-1CR	RM25100-2CR	RM25100-3CR
110-200	RM25200-1CR	RM25200-2CR	RM25200-3CR
225-400	RM25400-1CR	RM25400-2CR	RM25400-3CR
450-600	RM25600-1CR	RM25600-2CR	RM25600-3CR

For additional information on 250 volt fuse blocks, see Data Sheet # 1110 (R250) and # 1112 (H250) and product brochure # 3192 (RM Series).

Fuse Reducers For Class R Fuses

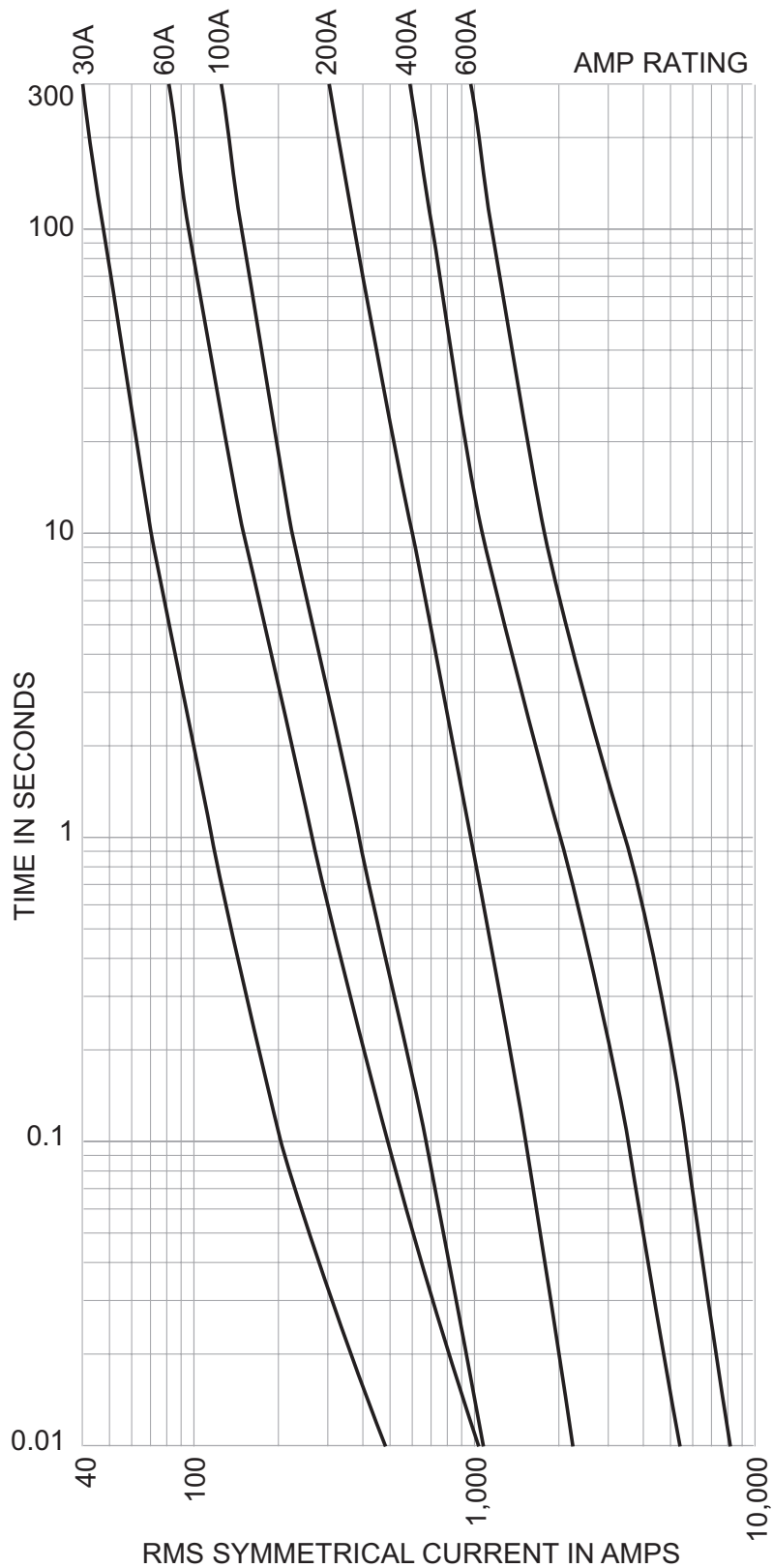
Equipment Fuse Clips	Desired Fuse (Case) Size	Catalog Numbers (Pairs) 250V
60A	30A	NO.263-R
	60A	NO.213-R
100A	60A	NO.216-R
	100A	NO.226-R
200A	100A	NO.2621-R
	200A	NO.2641-R
400A	200A	NO.642-R
	100A	NO.2661-R
600A	200A	NO.2662-R
	400A	NO.2664-R†

† Single reducer only (pair not required).

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

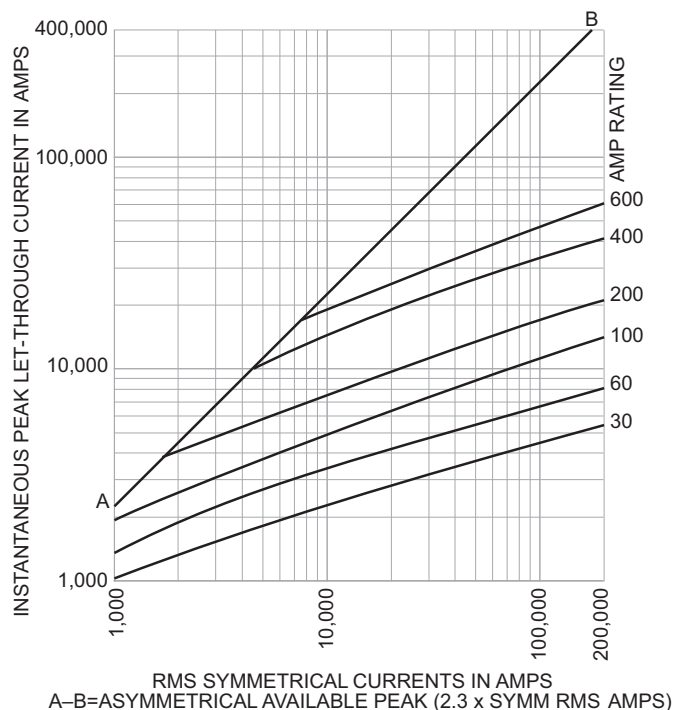
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Time-Current Curves - Average Melt



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Current-Limitation Curves



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