

# Limitron® fast-acting, RK1 – 250 volt fuses



**Catalog symbol - KTN-R-(amps)**

**Description:**

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

**Specifications:**

**Ratings**

- Volts:
  - 250 Vac
  - 250 Vdc (70-350 A)
- Amps - 1-600 A
- Interrupting rating:
  - 200 kA Vac RMS Sym.
  - 100 kA Vdc

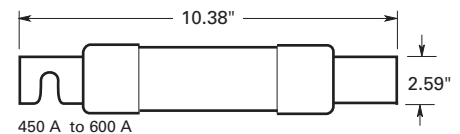
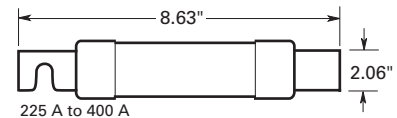
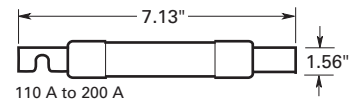
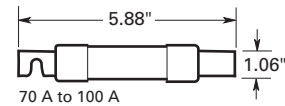
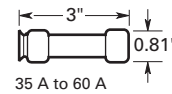
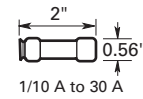
**Agency Information**

- UL® Listed, Std. 248-12, Guide JDDZ, File E54273
- CSA® Certified, Class 1422-02, File 53787
- CE

**Features:**

- Provides 10X better current limitation to help prevent equipment damage caused by short-circuit events
- 200 kA interrupting rating complies with NEC® Section 110.9 for today's large capacity systems
- Fast-acting fuse helps prevent equipment damage caused by short-circuit events
- Incorporates Class R rejection feature. Can be inserted in non-rejection type fuse holders to physically and electrically replace Class H, K1, K5, and other fast-acting fuses
- Ideal for critical industrial or commercial applications that have specific current limitation requirements

**Dimensions - in:**



**Catalog numbers**

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

**Carton quantity and weight (250 vac)\***

Amps	Carton qty.
1-30	10
40-60	10
70-100	5
110-200	1
225-400	1
450-600	1

\*Contact Eaton's Bussmann Division for DC ratings.

**Recommended fuse blocks**

Fuse amps	1-pole	2-pole	3-pole
0-30	HM25030-1	HM25030-2	HM25030-3
	RM25030-1	RM25030-2	RM25030-3
35-60	HM25060-1	HM25060-2	HM25060-3
	RM25060-1	RM25060-2	RM25060-3
70-100	RM25100-1CR	RM25100-2CR	RM25100-3CR
110-200	RM25200-1CR	RM25200-1CR	RM25200-1CR
225-400	RM25400-1CR	RM25400-1CR	RM25400-1CR
450-600	RM25600-1CR	RM25600-1CR	RM25600-1CR

For additional information on 250 volt blocks, see data sheet No. 10289 (RM250) and (HM250) and product brochure No. 3192 (RM style).

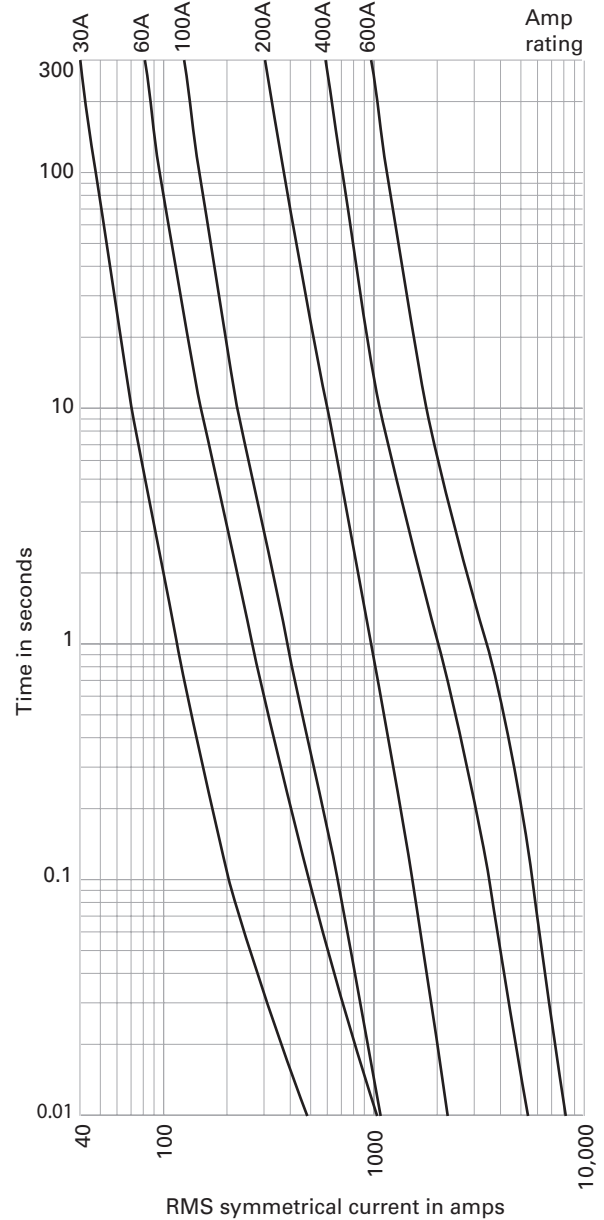
**Fuse reducers for Class R fuses - 250 V**

Equipment fuse clips	Desired fuse (case) size	Catalog symbol (pairs)
60 A	30 A	NO.263-R
100 A	30 A	NO.213-R
	60 A	NO.216-R
200 A	60 A	NO.226-R
	100 A	NO.2621-R
400 A	100 A	NO.2641-R
	200 A	NO.242-R
600 A	100 A	NO.2661-R
	200 A	NO.2662-R
	400 A	NO.2664-R†

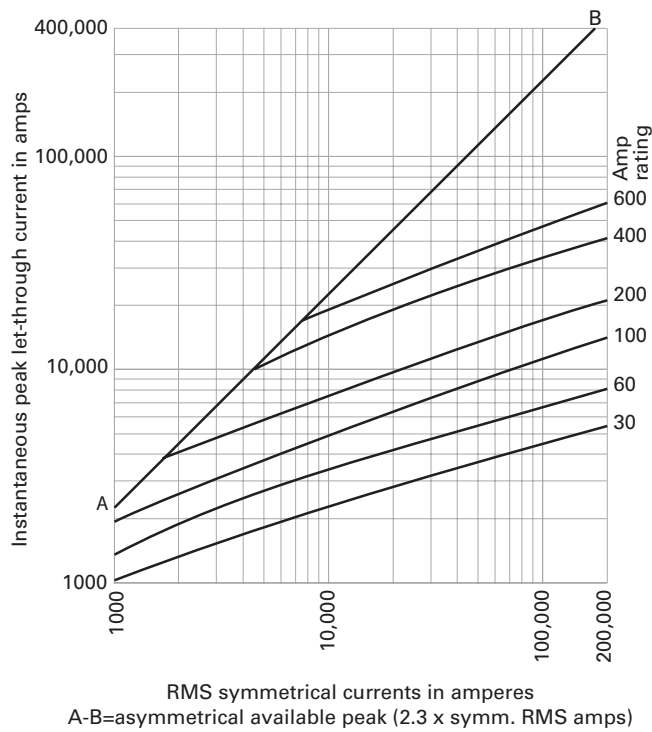
† Single reducer only (pair not required).

For additional information on Class R fuse reducers, see data sheet No. 1118.

**Time-current curves – average melt**



**Current-limitation curves**



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