250V KWN-R and 600V KWS-R Class RK1 fuses

Catalog symbols:

- KWN-R-(amp) 250V
- KWS-R-(amp) 600V

Description:

250V KWN-R and 600V KWS-R fast-acting Limitron™ fuses are UL Listed as Class RK1 fuses. They are dual voltage rated and can be applied at 250Vac/dc and 600Vac/dc respectively with interrupting ratings of 200kA AC and 20kA DC.

Ratings

- Volts
  - 250Vac/dc KWN-R
  - 600Vac/dc KWS-R
- Amps 1-60A
- Interrupting rating
  - 200kA AC
  - 20kA DC

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

250V KWN-R catalog numbers (amp)		
KWN-R-1	KWN-R-15	KWN-R-50
KWN-R-3	KWN-R-20	KWN-R-60
KWN-R-5	KWN-R-25	
KWN-R-6	KWN-R-30	
KWN-R-10	KWN-R-40	

600V KWS-R catalog numbers (amp)		
KWS-R-1	KWS-R-15	KWS-R-40
KWS-R-3	KWS-R-20	KWS-R-50
KWS-R-5	KWS-R-25	KWS-R-60
KWS-R-6	KWS-R-30	
KWS-R-10	KWS-R-35	

KWN-R and KWS-R Carton quantity

Amp rating	Carton qty.
1–60	10

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Features:

- High DC voltage ratings for critical industrial or commercial applications that have specific current limitation requirements.
- 10X better current limitation than basic circuit breakers and non-current limiting fuses helps prevent damage caused by short-circuit events
- 200kA AC Interrupting ratings comply with NEC® Section 110.9 for today's large capacity systems
- 20kA DC interrupting ratings help meet the needs of protecting higher ampacity DC circuits
- Incorporates Class R rejection feature. Installation in a rejection base fuse block is recommended as it helps prevent a lesser-rated fuse from being installed. However, both KWN-R and KWS-R fuses can be inserted in non-rejection type fuse holders to physically and electrically replace fast-acting Class H, RK1, K5, RK5 and other fast-acting fuses.

Recommended fuse blocks:

Fuse amps	1-pole	2-pole	3-pole
250V KWN-R			
0-30	RM25030-1_	RM25030-2_	RM25030-3_
35-60	RM25060-1_	RM25060-2_	RM25060-3_
600V KWS-R			
0-30	RM60030-1_	RM60030-2_	RM60030-3_
35-60	RM60060-1_	RM60060-2_	RM60060-3_

See data sheet No. 10289 for details.

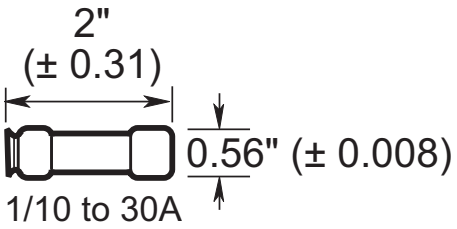
Fuse reducers for Class R fuses:

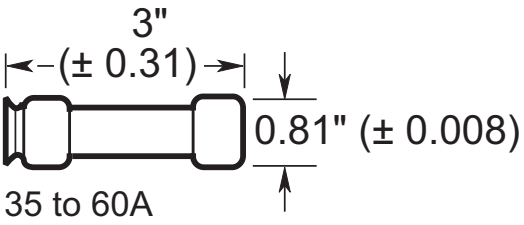
Equipment fuse clips	Desired fuse (case) size	Catalog numbers (pairs)	
		250V	600V
60A	30A	NO.263-R	NO.663-R
100A	30A	NO.213-R	NO.216-R
	60A	NO.216-R	NO.616-R
200A	60A	NO.226-R	NO.626-R

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

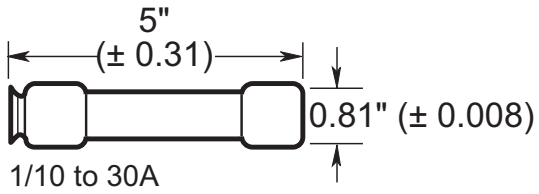
Dimensions - in:

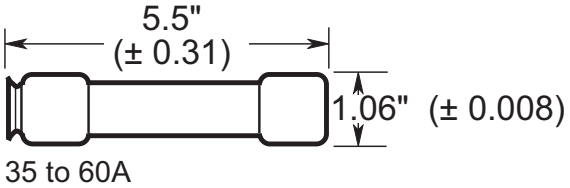
250V KWN-R





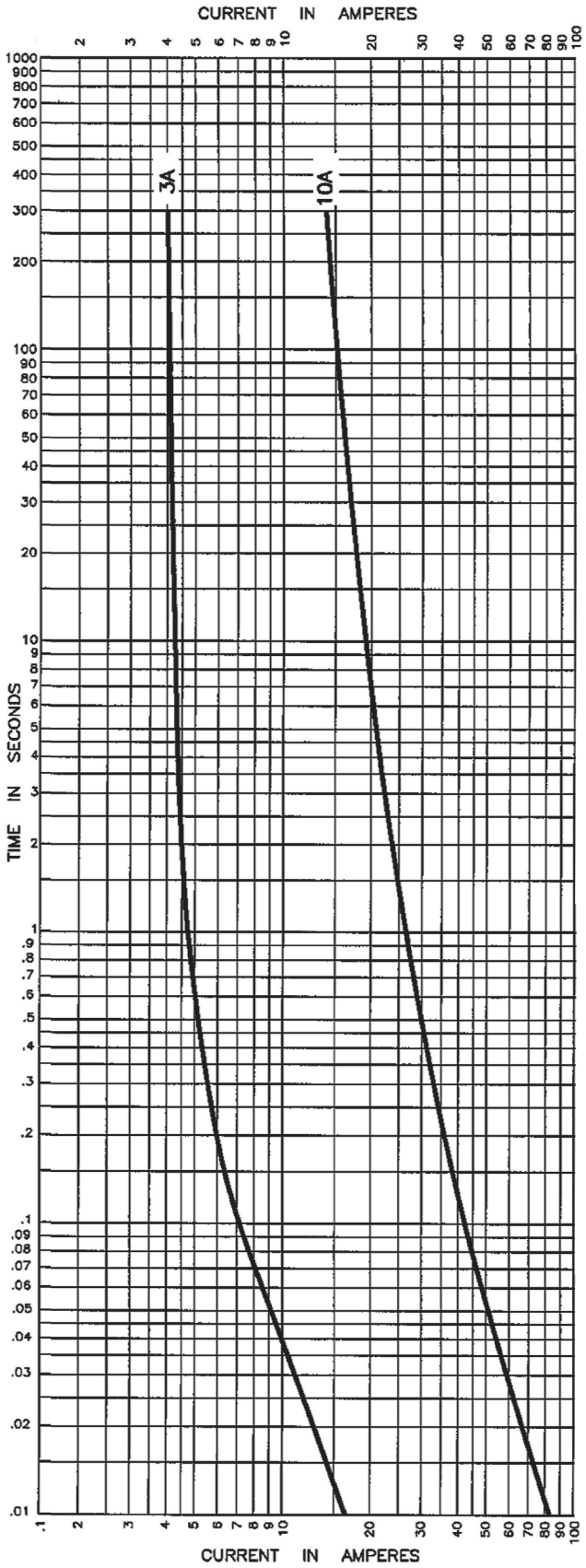
600V KWS-R

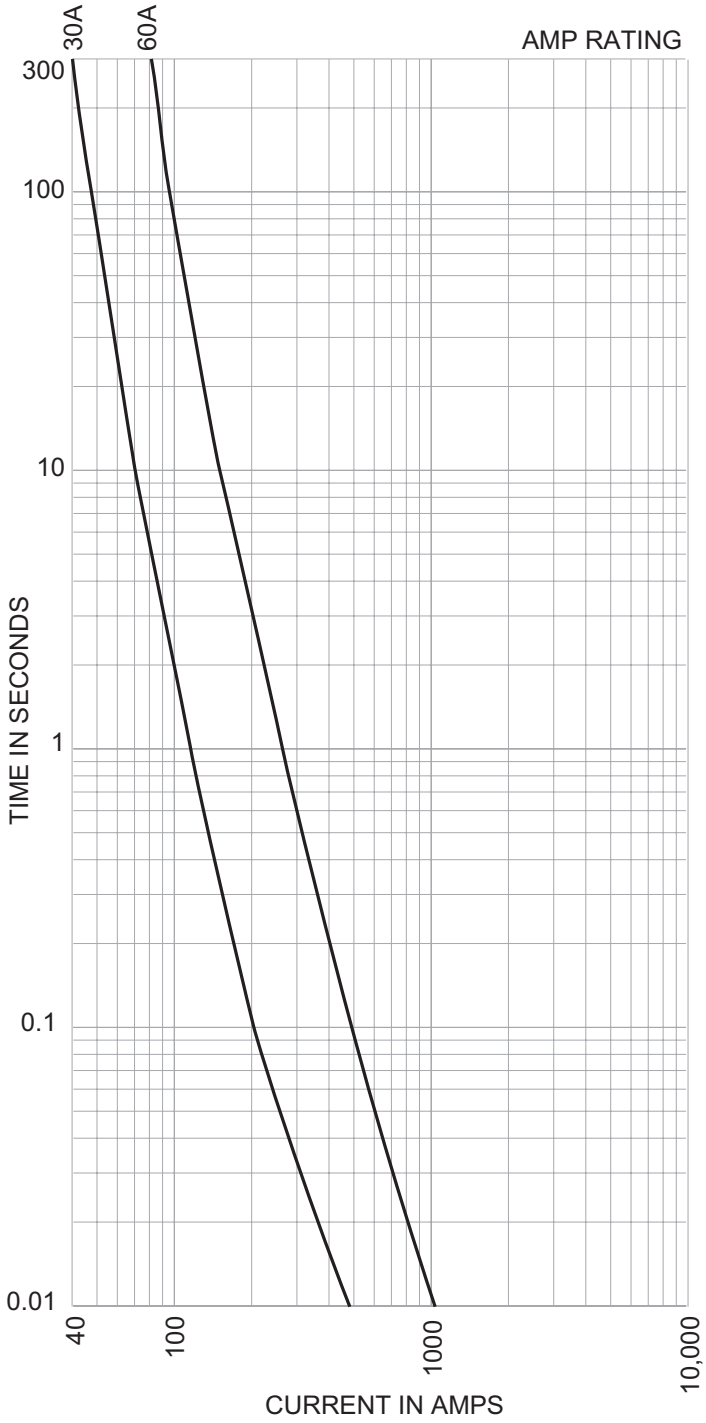




Time-current curves — average melt

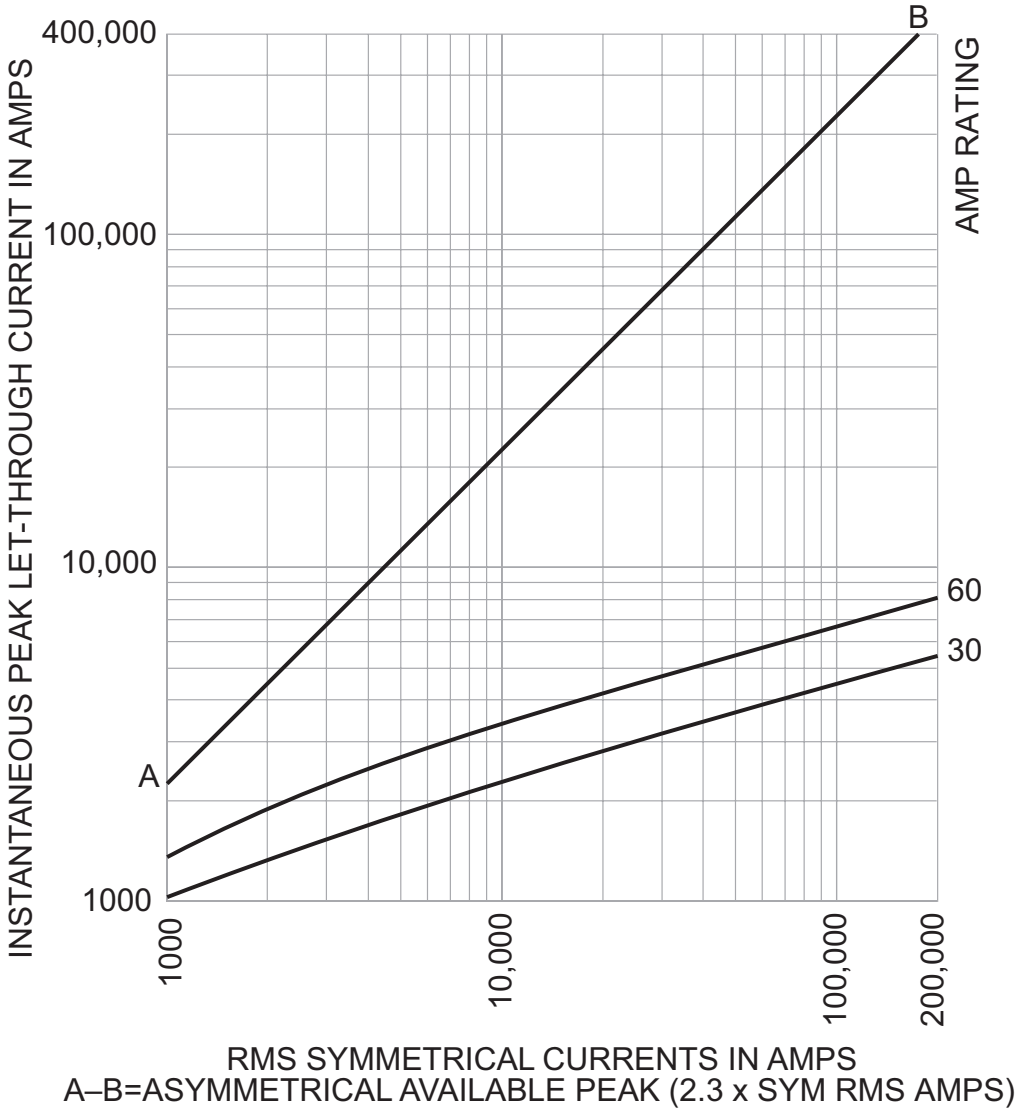
KWN-R and KWS-R





Current limitation curves

KWN-R and KWS-R



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Printed in USA
Publication No. 10413 — BU-SB15296
August 2015

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