



**Use Less Energy.
Save More Money.**

**FUSETRON[®] fuses are on average
23% more energy efficient than
the next leading brand.***

- Switch NOW and start saving money today
- Available at Cooper Bussmann distributors everywhere
- Class RK5 dual-element time-delay fuse
- 200kA Interrupting Rating

Go to your distributor and demand FUSETRON Energy Efficient fuses from the brand you've trusted for almost 100 years.

* Test results are based on weighted sales volume of FUSETRON and Ferraz Shawmut fuses by selected amp and volt rating combination. Next leading brand refers to Ferraz Shawmut based on third-party fuse market share data for a twenty-seven month period (July 2008 through September 2010).



Fusetron FRN-R (250V) Class RK5

Ratings:

- Volts — 250Vac (or less)
 — 125Vdc ($\frac{1}{10}$ -60A, 110-200A)
 — 250Vdc (225-600A)
- Amps — $\frac{1}{10}$ -600A
 IR — 200kA RMS Sym.
 — 20kA DC

Agency Information: CE, Std. 248-12, Class RK5, UL Listed, Guide JDDZ, File E4273, CSA Certified, Class 1422-01, File 53787.

Features and Benefits

- Separate overload and short-circuit elements provide time delay for sizing as close as 125% of motor FLA.
- 2:1 selective coordination amp ratio (within the Cooper Bussmann RK5 fuse family) prevents overcurrent events from opening upstream Fusetron fuses.
- Insulated end caps for 225A-600A fuses reduces exposure to live parts and extends air gap to distance between blades of adjacent mounted fuses or to housing.
- Easy upgrade for one-time and renewable fuses installations. Because the Fusetron Class RK5 fuses fit any Class K5 or H fuse blocks and holders, you now have the opportunity to upgrade your circuit protection and save even more.

Catalog Numbers (Amps)

FRN-R- $\frac{1}{10}$	FRN-R-2	FRN-R-10	FRN-R-100
FRN-R- $\frac{1}{8}$	FRN-R-2- $\frac{1}{4}$	FRN-R-12	FRN-R-110
FRN-R- $\frac{1}{4}$	FRN-R-2- $\frac{1}{2}$	FRN-R-15	FRN-R-125
FRN-R- $\frac{3}{16}$	FRN-R-2- $\frac{3}{8}$	FRN-R-17- $\frac{1}{2}$	FRN-R-150
FRN-R- $\frac{1}{4}$	FRN-R-3	FRN-R-20	FRN-R-175
FRN-R- $\frac{3}{16}$	FRN-R-3- $\frac{3}{8}$	FRN-R-25	FRN-R-200
FRN-R- $\frac{1}{4}$	FRN-R-3- $\frac{1}{2}$	FRN-R-30	FRN-R-225
FRN-R- $\frac{1}{2}$	FRN-R-4	FRN-R-35	FRN-R-250
FRN-R- $\frac{3}{8}$	FRN-R-4- $\frac{1}{2}$	FRN-R-40	FRN-R-300
FRN-R- $\frac{3}{8}$	FRN-R-5	FRN-R-45	FRN-R-350
FRN-R-1	FRN-R-5- $\frac{3}{8}$	FRN-R-50	FRN-R-400
FRN-R-1- $\frac{1}{8}$	FRN-R-6	FRN-R-60	FRN-R-450
FRN-R-1- $\frac{1}{4}$	FRN-R-6- $\frac{1}{4}$	FRN-R-70	FRN-R-500
FRN-R-1- $\frac{1}{8}$	FRN-R-7	FRN-R-75	FRN-R-600
FRN-R-1- $\frac{1}{2}$	FRN-R-7- $\frac{1}{2}$	FRN-R-80	
FRN-R-1- $\frac{3}{8}$	FRN-R-8	FRN-R-85	
FRN-R-1- $\frac{3}{8}$	FRN-R-9	FRN-R-90	

Fusetron FRS-R (600V) Class RK5

Ratings:

- Volts — 600Vac (or less)
 — 300Vdc
- Amps — $\frac{1}{10}$ -600A
 IR — 200kA RMS Sym.
 — 20kA @ 300Vdc

Agency Information: CE, Std. 248-12, Class RK5, UL Listed, Guide JDDZ, File E4273, CSA Certified, Class 1422-02, File 53787.

Features and Benefits

- 2:1 selective coordination ratio (within RK5 fuse family) prevents electrical shutdowns from extending beyond the failed circuit.
- Insulated end caps for 65-600A fuses reduces exposure to live parts and extends air gap to distance between blades of adjacent mounted fuses or to housing.
- Easy upgrade for one-time and renewable fuses installations. Because the Fusetron Class RK5 fuses fit any Class K5 or H fuse blocks and holders, you now have the opportunity to upgrade your circuit protection and save even more.

Catalog Numbers (Amps)

FRS-R- $\frac{1}{10}$	FRS-R-2	FRS-R-10	FRS-R-100
FRS-R- $\frac{1}{8}$	FRS-R-2- $\frac{1}{4}$	FRS-R-12	FRS-R-110
FRS-R- $\frac{1}{4}$	FRS-R-2- $\frac{1}{2}$	FRS-R-15	FRS-R-125
FRS-R- $\frac{3}{16}$	FRS-R-2- $\frac{3}{8}$	FRS-R-17- $\frac{1}{2}$	FRS-R-150
FRS-R- $\frac{1}{4}$	FRS-R-3	FRS-R-20	FRS-R-175
FRS-R- $\frac{3}{16}$	FRS-R-3- $\frac{3}{8}$	FRS-R-25	FRS-R-200
FRS-R- $\frac{1}{4}$	FRS-R-3- $\frac{1}{2}$	FRS-R-30	FRS-R-225
FRS-R- $\frac{1}{2}$	FRS-R-4	FRS-R-35	FRS-R-250
FRS-R- $\frac{3}{8}$	FRS-R-4- $\frac{1}{2}$	FRS-R-40	FRS-R-300
FRS-R- $\frac{3}{8}$	FRS-R-5	FRS-R-45	FRS-R-350
FRS-R-1	FRS-R-5- $\frac{3}{8}$	FRS-R-50	FRS-R-400
FRS-R-1- $\frac{1}{8}$	FRS-R-6	FRS-R-60	FRS-R-450
FRS-R-1- $\frac{1}{4}$	FRS-R-6- $\frac{1}{4}$	FRS-R-65	FRS-R-500
FRS-R-1- $\frac{1}{8}$	FRS-R-7	FRS-R-70	FRS-R-600
FRS-R-1- $\frac{1}{2}$	FRS-R-7- $\frac{1}{2}$	FRS-R-75	
FRS-R-1- $\frac{3}{8}$	FRS-R-8	FRS-R-80	
FRS-R-1- $\frac{3}{8}$	FRS-R-9	FRS-R-90	

See data sheets 1019 ($\frac{1}{10}$ -60) and 1020 (70-600) for 250V
 See data sheets 1017 ($\frac{1}{10}$ -60) and 1018 (65-600) for 600V

Mouser Electronics

Authorized Distributor

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