

# Fusetron® Dual-Element, Time-Delay, Class RK5 Fuses



## FRN-R (250V)

**Dual-Element, Time-Delay** – 10 seconds (minimum) at 500% rated current

**Ampere Ratings:** 1/10-600A.

**Voltage Rating:** 250Vac (or less), 125Vdc

**Current Limiting RK5 Fuse**

**Interrupting Rating:** 200,000A RMS Sym. (20,000A @ 125Vdc)

**Agency Information:** Std. 248-12, Class RK5

UL Listed, Guide JDDZ, File E4273

CSA Certified, Class 1422-01, File 53787

**Dimensions:** See pages 2-3 for Class RK5 dimensional data.

### Catalog Numbers (250Vac/125Vdc)

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

### Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
0-15	10	0.40	0.181
17.5-30	10	.50	0.227
35-60	10	1.00	0.453
70-100	5	1.5	0.680
101-200	1	0.77	0.349
201-400	1	1.52	0.689
401-600	1	2.94	1.334

\*Weight per carton.

- Provides motor overload, ground fault and short-circuit protection when sized properly.
- Helps protect motors against burnout from overloads when sized properly.
- Helps protect motors against burnout from single phasing on three phase systems when sized properly.
- Simplifies and improves blackout prevention (selective coordination) when sized properly.

### Fuse Reducers For Class R Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalog Number (Pairs) 250V
60A	30A	No. 263-R
100A	30A	No. 213-R
	60A	No. 216-R
200A	60A	No. 226-R
	100A	No. 2621-R
	100A	No. 2641-R
400A	200A	No. 242-R
	100A	No. 2661-R
600A	200A	No. 2662-R
	400A	No. 2664-R*

\*Single reducer only (pair not required).

Time-Current and Current Limitation Curves located on page 223.



**Recommended fuseblocks for Class R 250V fuses**  
See pages 47-49

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

**Data Sheet:** 1019 (0-60), 1020 (70-600)

