Fusetron energy efficient FRS-R fuses

These cartridge fuses are 23% more energy efficient* and offer the best time-delay performance. Their dual-element feature allows closer sizing to load for superior protection of motors and transformers. These Class RK5 fuses with a 200 kA interrupting rating can be used in a broad range of applications.

When sized correctly, they help protect motors from burnout caused by overloads or single-phasing. The time-delay feature allows the initial startup current surge for typical motors to pass, but opens prior to motor burnout when longer, dangerous overloads are present. In addition, the dual-element design opens in as little as 0.004 second if the fuse experiences short-circuit conditions. All fuses are UL Listed Class R (IR: 200 kA).

* Test results are based on weighted sales volume of Fusetron and Ferraz Shawmut (Mersen) 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).

FRS-R

600 Vac indicating and non-indicating dual-element, time-delay Class RK5 fuses

Up to 60 A

65 A and over

Amps	Catalog no.*	With *easy*ID indication	Retail pack**
2	FRS-R-2	—	—
3	FRS-R-3	—	—
3-1/2	FRS-R-3-1/2	—	—
4	FRS-R-4	—	—
5	FRS-R-5	—	—
6	FRS-R-6	FRS-R-6ID	—
6-1/4	FRS-R-6-1/4	FRS-R-6-1/4ID	—
7	FRS-R-7	FRS-R-7ID	—
8	FRS-R-8	FRS-R-8ID	—
10	FRS-R-10	FRS-R-10ID	—
12	FRS-R-12	FRS-R-12ID	—
15	FRS-R-15	FRS-R-15ID	BP/FRS-R-15
17-1/2	FRS-R-17-1/2	FRS-R-17-1/2ID	—
20	FRS-R-20	FRS-R-20ID	BP/FRS-R-20
25	FRS-R-25	FRS-R-25ID	—
30	FRS-R-30	FRS-R-30ID	BP/FRS-R-30
35	FRS-R-35	FRS-R-35ID	—
40	FRS-R-40	FRS-R-40ID	—
45	FRS-R-45	FRS-R-45ID	—
50	FRS-R-50	FRS-R-50ID	—
60	FRS-R-60	FRS-R-60ID	BP/FRS-R-60
70	FRS-R-70	—	—
80	FRS-R-80	—	—
90	FRS-R-90	—	—
100	FRS-R-100	—	—
125	FRS-R-125	—	—
150	FRS-R-150	—	—
175	FRS-R-175	—	—
200	FRS-R-200	—	—

* Refer to packaging spec file for individual fuse packaging options.
** 1 Fuse per pack, 5 packs per shelf carton.

CDN Type D and PON Type P CSA Certified standard code fuses

Economical fuses for a variety of applications where available short-circuit current is relatively low.

CDN

250 Vac CSA Type D time-delay fuses

PON

250 Vac CSA Type P one-time fuses

Amps	Catalog no.*	Retail pack**
10	CDN10	—
12	CDN12	—
15	CDN15	BP/CDN10
20	CDN20	BP/CDN20
25	CDN25	BP/CDN25
30	CDN30	BP/CDN30
35	CDN35	BP/CDN35
40	CDN40	BP/CDN40
45	CDN45	BP/CDN45
50	CDN50	BP/CDN50
60	CDN60	BP/CDN60
100	CDN100	—
110	CDN110	—
175	CDN175	—
200	CDN200	—

* Refer to packaging spec file for individual fuse packaging options.
** 1 Fuse per pack, 5 packs per shelf carton.

Amps	Catalog no.*	Retail pack**
15	PON15	BP/PON15
20	PON20	BP/PON20
25	PON25	BP/PON25
30	PON30	BP/PON30
35	PON35	BP/PON35
40	PON40	BP/PON40
45	PON45	BP/PON45
50	PON50	BP/PON50
60	PON60	BP/PON60

* Refer to packaging spec file for individual fuse packaging options.
** 1 Fuse per pack, 5 packs per shelf carton.