

# Current-Limiting Power Fuses



## Application

Medium-voltage distribution systems that supply industrial plants, shopping centers, hospitals, schools, office buildings and underground residential service often require special types of overcurrent protection. This is of particular importance because, in the event of a fault, these types of systems frequently produce high short-circuit currents that may result in damage to busway, motors, switches and other equipment. Current-limiting power fuses are widely used in these applications because they afford excellent over-current protection and noiseless operation, and because they can be used in confined spaces. The amount of damage in the faulted area and the mechanical stress and strain on busway, switches and other apparatus carrying the fault current is proportional to the square of the current and to the length of time the fault persists. By limiting the let through energy at the fault, properly applied current-limiting fuses assist in limiting or preventing short-circuit damage to busway, circuit breakers, switches, and other electrical components. Current-limiting power fuses are manufactured in ratings ranging from 0.6 kV through 38 kV and in continuous current ratings from 0.5 amperes through 900 amperes. Various designs are available for use with motors, transformers, capacitors, and circuit-protection equipment.

## Product Features

Current-limiting power fuses offer significant advantages for protecting electrical power systems and equipment. Advantages include:

- High interrupting capacity
- Noiseless operation, since the interruption is totally contained
- Fast current-limiting operation when troublesome high available fault currents are encountered
- No pressure build-up, therefore, no vents or special reinforced compartments are required

## Capacitor Fuses

### 9F60 Series

#### EJO-5 9F60

Suitable for use indoors or outdoors



## Product Description

Backup Capacitor current-limiting fuses are designed for individual capacitor protection. The EJO-5 can be used in any location (indoor or outdoor). The major purposes of such fusing are: (a) to protect the systems from failed capacitor units, and (b) to prevent damage to adjacent capacitors and associated equipment.

### 12" Clip Centers Clip-in Mounting<sup>1</sup> Indoor or Outdoor

Max. kV	Amp Rating	No. of Barrels	Indicating	Size/Diam/Length	I/C Sym.	TCC min/max GES	Product Number	List Price Prod. ID MVCAP
5.5	25	1	YES	C/2.08"/14.00"	50kA	8118/8119	9F60RJD025	<b>\$179.00</b>
5.5	40	1	YES	C/2.08"/14.00"	50kA	8118/8119	9F60RJD040	<b>\$179.00</b>
5.5	80	1	YES	C/2.08"/14.00"	50kA	8120/8121	9F60RJD080	<b>\$179.00</b>
9.52	15	1	YES	C/2.08"/14.00"	50kA	8118/8119	9F60RJF015	<b>\$204.00</b>
9.52	25	1	YES	C/2.08"/14.00"	50kA	8120/8121	9F60RJF025	<b>\$204.00</b>
9.52	40	1	YES	C/2.08"/14.00"	50kA	8120/8121	9F60RJF040	<b>\$204.00</b>

<sup>1</sup>EJO-5 capacitor fuses are typically mounted directly on the capacitor. No supports, disconnect switches, or live parts are available.