

# Motor Protection

Amp-Trap® and 9F60 Series

## MEDIUM VOLTAGE FUSES

2.4KV, 2.54KV, 4.8KV, 5.08KV AND 7.2KV  
FERRULE MOUNTED FUSES

M  
V



Mersen R-Rated fuses are current-limiting, high interrupting rating fuses intended for the short circuit protection of medium voltage motors and motor controllers. R-Rated fuses are back-up fuses that have a minimum interrupting rating, and must be coordinated with overload relays in combination motor starters. The motor starter manufacturer generally specifies the R-Rated fuse size. These fuses come with a 3 (size D) or 4 (size E) inch diameter barrels with ferrules and are mounted in spring reinforced clips.

## FEATURES/BENEFITS:

- The Amp-Trap and 9F60 R-Rated fuses are UL Recognized.
- Ferrule mounting for standard clips and interchangeability with other brands of fuses.
- Current-limiting for superior equipment protection.
- Metal embossed catalog number and manufacturing date for lasting identification.
- Hookeye for non load-break isolation by hookstick:
  - On the 4.8kV an optional hookeye mounted in the factory is available.
  - On all other 3" barrels if a hookeye is required, use the operating eye 9F61AAW612.
- Blown-fuse indicator to give positive identification of open fuse.
  - Amp trap: 3" Barrel 2 lb tripped force - 0.50 Inch
  - 9F60: 0.125 lb tripped force - 0.20 Inch

## Ratings:

### Amp-Trap

#### A240R

- **Volts:** 2.4kVAC
- **Amps:** 1 to 36R
- **IR:** 65kA Sym

#### A480R

- **Volts:** 4.8kVAC
- **Amps:** 2 to 36R
- **IR:** 50kA Sym

#### A072F

- **Volts:** 7.2kVAC
- **Amps:** 2 to 24R
- **IR:** 50kA Sym

### 9F60 SERIES TYPE EJ-2

#### 9F60

- **Volts:** 2.54kVAC, 5.08kVAC
- **Amps:** 2 to 36R
- **IR:** 50kA Sym

## HIGHLIGHTS:

- R-Rated
- UL recognized

## APPLICATIONS:

- Short circuit protection of medium voltage motors and motor controllers.

## APPROVALS:



- Amp-Trap: UL File E93367
- 9F60: UL File E191980

7.2KV FERRULE MOUNTED FUSES:

7.2kV R-Rated Amp-Trap Series

12.5" (317 mm) Clip Centers - Barrel diameter size D (3")



Catalog No.	Size	Continuous Amp rating at 40°C	Minimum Interrupting Rating RMS Amp	No of Barrels	Fig.	Indicating	Dimension L Inches (mm)	1 Phase interrupting rating	
								UL Component Recognition Max IR RMS Sym	Max Voltage Tested Max IR RMS Sym
A072F1D0R0-2R	2R	70	190	1	A	Yes	15.88 [403]	50kA at 7.2kV	50kA at 7.7kV
A072F1D0R0-3R	3R	100	225						
A072F1D0R0-4R	4R	130	330						
A072F1D0R0-5R	5R	150	400						
A072F1D0R0-6R	6R	170	500						
A072F1D0R0-9R	9R	200	740						
A072F1D0R0-12R	12R	230	955	2	B				
A072F2D0R0-18R	18R	390	1440						
A072F2D0R0-24R	24R	450	1910						



Indicator Flush with Surface  
2 Lb. Force (Tripped)

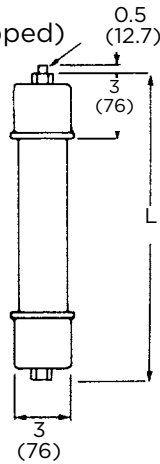


Figure A

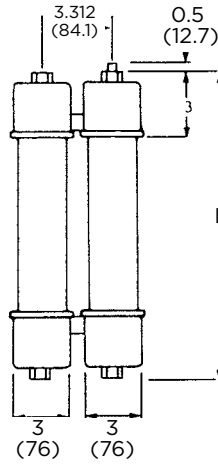


Figure B