

Capacitor Protection

Amp-Trap® and 9F60 Series

MEDIUM VOLTAGE FUSES

MEDIUM VOLTAGE CAPACITOR FUSES



Mersen capacitor fuses are designed to IEEE C37-41. They are current-limiting operating without noise or discharge and are designed to be used indoors in a general purpose enclosure or outdoors in a weatherproof enclosure. These are non-disconnecting fuses requiring the use of a disconnect switch. These capacitor fuses provide both short circuit and overload protection and are intended to protect against capacitor case rupture or dielectric failure within the capacitor.

The various mounting configurations offer manufacturers a wide range of cost/space saving solutions and a large choice of equivalent products.

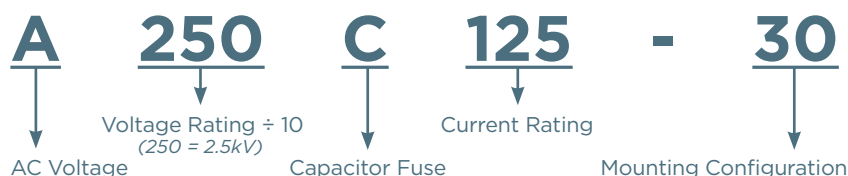
FEATURES/BENEFITS:

- High interrupting capacity
- Current limitation
- Blown-fuse indication
- Direct mount
- Clip style mount
- Bus mount
- Non-venting for silent operation

APPLICATIONS:

- Capacitor Protection
- Power Factor Correction Equipment
- Harmonic Filtering Equipment
- Induction Heating System
- High Power Drive
- Welders

CATALOG NUMBERING SYSTEM:



Ratings:

A100C

- **Volts:** 1000V AC Max.
- **Amps:** 25 to 125 A
- **IR:** 50 kA Sym

A150C

- **Volts:** 1500V AC Max.
- **Amps:** 25 to 200 A
- **IR:** 40 kA Sym

A250C

- **Volts:** 2500V AC Max.
- **Amps:** 25 to 200 A
- **IR:** 50 kA Sym

A300C

- **Volts:** 3000V AC Max.
- **Amps:** 50 to 175 A
- **IR:** 50 kA Sym

A430C

- **Volts:** 4300V AC Max.
- **Amps:** 6 to 100 A
- **IR:** 65 kA Sym

A550C

- **Volts:** 5500V AC Max.
- **Amps:** 6 to 75 A
- **IR:** 65 kA Sym

9F60RJD

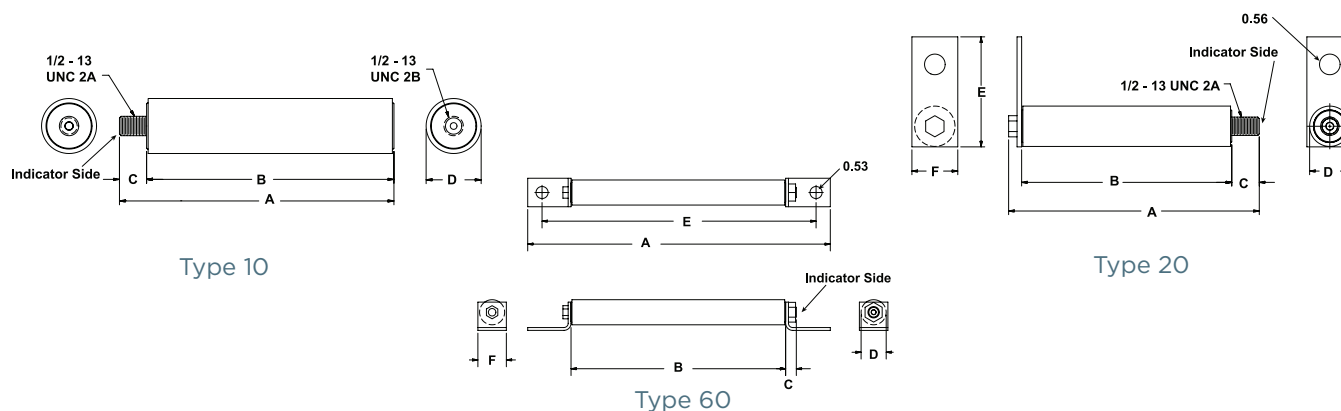
- **Volts:** 5500V AC Max.
- **Amps:** 25 to 80 A
- **IR:** 50 kA Sym

9F60RJF

- **Volts:** 9520V AC Max.
- **Amps:** 15 to 40A
- **IR:** 50 kA Sym

3.0kV CAPACITOR FUSES AMP-TRAP SERIES

Catalog Number	Ampere Rating	Melting I²t (kA²s)	Maximum 1 Clearing I²t (kA²s)	Maximum 1 Phase Interrupting Rating	Overall Length Inches (mm)	Tube Length Inches (mm)	Ind. Housing Inches (mm)	Body Dia Inches (mm)	Bracket Dimensions Inches (mm)			
3.0 kV Max Type 10 inner thread to screw					A	B	C	D	E	F		
A300C50-10	50	12	35	50 kA @3000V RMS Sym	10.16 (258.1)	9.33 (237.0)	.75 (19.1)	1.10 (27.9)	N/A	N/A		
A300C60-10	60	18	65									
A300C75-10	75	26	80									
A300C95-10	95	45	140									
A300C100-10	100	45	140		10.16 (258.1)	9.33 (237.0)	.75 (19.1)	1.42 (36.0)	N/A	N/A		
A300C115-10	115	60	200									
A300C125-10	125	75	260									
A300C130-10	130	75	260									
A300C150-10	150	105	350									
A300C175-10	175	165	530									
3.0 kV Max Type 20 screw to bolt (flat bracket)					A	B	C	D	E	F		
A300C50-20	50	12	35	50 kA @3000V RMS Sym	10.59 (269.1)	9.33 (237.0)	.75 (19.1)	1.10 (27.9)	3.00 (76.2)	1.25 (31.8)		
A300C60-20	60	18	65									
A300C75-20	75	26	80									
A300C95-20	95	45	140									
A300C100-20	100	45	140		10.59 (269.0)	9.33 (237.0)	.75 (19.1)	1.42 (36.0)	3.00 (76.2)	1.25 (31.8)		
A300C115-20	115	60	200									
A300C125-20	125	75	260									
A300C130-20	130	75	260									
A300C150-20	150	105	350									
A300C175-20	175	165	530									
3.0 kV Max Type 60 bolt (L bracket) to bolt (L bracket)					A	B	C	D	E	F		
A300C50-60	50	12	35	50 kA @3000V RMS Sym	13.27 (337.1)	9.41 (239.0)	.47 (11.9)	1.1 (27.9)	12.02 (305.2)	1.25 (31.8)		
A300C60-60	60	18	65					1.42 (36.0)				
A300C75-60	75	26	80									
A300C95-60	95	45	140									
A300C100-60	100	45	140									
A300C115-60	115	60	200									
A300C125-60	125	75	260									
A300C130-60	130	75	260									
A300C150-60	150	105	350									
A300C175-60	175	165	530									



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