

# Potential Transformer

## Amp-Trap® and 9F60 Series PT Fuses

0.625kV – 2.4kV – 2.75kV – 4.8kV – 5.0kV – 5.5kV – 7.2kV – 8.25kV and 15.5kV ferrule mounted fuses:

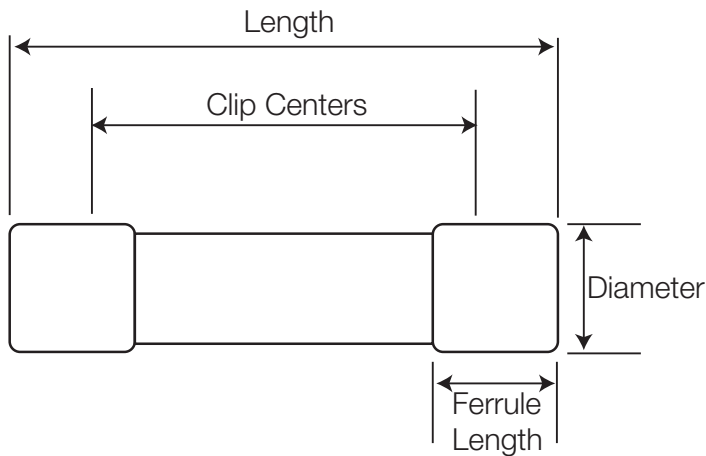
Mersen PT fuses are current-limiting fuses with high interrupting rating, used for the primary winding protection of potential transformer. They are small dimension ferrule type fuses and mount in standard clips. Current ratings are from 0.25A to 5A.

### Features/Benefits:

- Ferrule mounting for standard clips and interchangeability with other brands of fuses.
- Current-limiting for superior equipment protection.
- Non-venting for silent operation.
- Metal embossed catalog number and manufacturing date for lasting identification.
- Blown-fuse indicator to give positive identification of open fuse fuse is available on the 9F60 series.

### Applications:

- Primary protection for potential transformers (PT) or control power transformers (CPT).



### Ratings:

#### Amp-Trap

##### A240T

Volts : 2.4kV AC

Amps : 0.5 to 5A

IR : 50kA Sym

##### A480T

Volts : 4.8kV AC

Amps : 0.5 to 5A

IR : 50kA Sym

##### A500T

Volts : 5.0kV AC

Amps : 0.25 to 5A

IR : 50kA Sym

##### A720T

Volts : 7.2kV AC

Amps : 0.5 to 3A

IR : 50kA Sym

#### 9F60 Series EJ-1

##### 9F60A

Volts : .625kV AC

Amps : 3 to 5A

IR : 100kA Sym

##### 9F60B

Volts : 2.75kV AC

: 5.5kV AC

: 8.25kV AC

: 15.5kV AC

Amps : 0.5 to 3A

IR : 60kA Sym

: 80kA Sym

: 120kA Sym

# Potential Transformer

## Amp-Trap® and 9F60 Series PT Fuses

### 4.8kV / 5kV / 5.4kV Ferrule Mounted Fuses:

#### 4.8kV Potential Transformer fuses – Amp-Trap Series

5" (127 mm) Clip Centers

Catalog No.	Amp Rating	Indicating	Diameter Inches (mm)	Length Inches (mm)	Ferrule Length Inches (mm)	Max Voltage	Max IR RMS Sym	Spare Parts (Clips*)	Spare Parts (Live Parts)	Fuse Support Indoor (EK-1)
A480T1/2E	0.5A	No	0.812 (20.6)	5.625 (143)	0.625 (15.9)	4.8kV	50kA	C08917P	-	-
A480T3/4E	0.75A									
A480T1E	1A									
A480T2E	2A									
A480T3E	3A									
A480T4E	4A									
A480T5E	5A									

#### 5kV Potential Transformer fuses – Amp-Trap Series

5" (127 mm) Clip Centers

Catalog No.	Amp Rating	Indicating	Diameter Inches (mm)	Length Inches (mm)	Ferrule Length Inches (mm)	Max Voltage	Max IR RMS Sym	Spare Parts (Clips*)	Spare Parts (Live Parts)	Fuse Support Indoor (EK-1)
A500T1/4E-1	0.25A	No	1.00 (25.4)	5.625 (143)	0.563 (14.3)	5.0kV	50kA	-	-	-
A500T1/2E-1	0.5A									
A500T1E-1	1A									
A500T2E-1	2A									
A500T3E-1	3A									
A500T4E-1	4A									
A500T5E-1	5A									

#### 5.5kV Potential Transformer fuses – 9F60 Series, EJ-1

6.00" (152 mm) Clip Centers

Catalog No.	Amp Rating	Indicating	Diameter Inches (mm)	Length Inches (mm)	Ferrule Length Inches (mm)	Max Voltage	Max IR RMS Sym	Spare Parts (Clips*)	Spare Parts (Live Parts)	Fuse Support Indoor (EK-1)
9F60BBD905	0.5A	Yes	1.56 (39.7)	7.375 (187)	1.31 (33.3)	5.5 kV	63kA	9F61BWW460	9F61BNW450	-
9F60BBD001	1A									
9F60BBD002	2A									
9F60BBD003	3A									
9F60BBN905	0.5A	No	1.56 (39.7)	7.375 (187)	1.31 (33.3)	5.5 kV	63kA	9F61BWW460	9F61BNW450	-
9F60BBN001	1A									
9F60BBN002	2A									
9F60BBN003	3A									

#### 5.5kV Potential Transformer fuses – 9F60 Series, EJ-1

8.12" (206 mm) Clip Centers

Catalog No.	Amp Rating	Indicating	Diameter Inches (mm)	Length Inches (mm)	Ferrule Length Inches (mm)	Max Voltage	Max IR RMS Sym	Spare Parts (Clips*)	Spare Parts (Live Parts)	Fuse Support Indoor (EK-1)
9F60BDD905	0.5A	Yes	1.56 (39.7)	9.5 (241)	1.31 (33.3)	5.5 kV	63kA	9F61BWW460	9F61BNW450	9F61ABB101
9F60BDD001	1A									
9F60BDD002	2A									
9F60BDD003	3A									

\*Use two clips per fuse