Potential Transformer

Amp-Trap® and 9F60 Series PT Fuses

MEDIUM VOLTAGE FUSES

0.625KV – 2.4KV – 2.75KV – 4.8KV – 5.0KV – 5.5KV – 7.2KV – 8.25KV AND 15.5KV FERRULE MOUNTED FUSES

MV



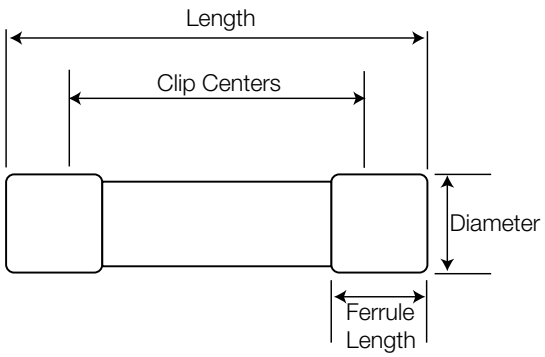
Mersen PT fuses are current-limiting fuses with high interrupting rating, used for the primary winding protection of potential transformer. They are small dimension ferrule type fuses and mount in standard clips. Current ratings are from 0.25A to 5A.

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:** 2.4kVAC
- **Amps:** 0.5 to 5A
- **IR:** 50kA Sym

A480T

- **Volts:** 4.8kVAC
- **Amps:** 0.5 to 5A
- **IR:** 80kA Sym

A500T

- **Volts:** 5.0kVAC
- **Amps:** 0.25 to 5A
- **IR:** 80kA Sym

A720T

- **Volts:** 7.2kVAC
- **Amps:** 0.5 to 3A
- **IR:** 50kA Sym

9F60 Series EJ-1

9F60A

- **Volts:** .625kVAC
- **Amps:** 3 to 5A
- **IR:** 100kA Sym

9F60B

- **Volts:** 2.75kVAC, 5.5kVAC, 8.25kVAC, 15.5kVAC
- **Amps:** 0.5 to 3A
- **IR:** 52kA Sym, 63kA Sym, 50kA Sym, 120kA Sym

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0.625KV / 2.4KV / 2.75KV FERRULE MOUNTED FUSES:

0.625kV Potential Transformer fuses – 9F60 Series, EJ-1

4.25" (108 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)
9F60AAA003	3A	Yes	0.812 (20.6)	4.625 (117.5)	1.12 (28.4)	.625 kV	100kA	C08917P	–	–
9F60AAA005	5A									
9F60AAA007	7A									
9F60AAA010	10A									

2.4kV Potential Transformer fuses – Amp-Trap Series

4.00" (102 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)
A240T1/2E	0.5A	No	0.812 (20.6)	4.625 (117.5)	0.625 (15.9)	2.4kV	50kA	C08917P	–	–
A240T1E	1A									
A240T2E	2A									
A240T5E	5A									

2.75kV Potential Transformer fuses – 9F60 Series, EJ-1

4.25" (108 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)
9F60AAB001	1A	Yes	0.812 (20.6)	4.625 (117.5)	1.12 (28.4)	2.75kV	52kA	C08917P	–	–
9F60AAB002	2A									

2.75kV Potential Transformer fuses – 9F60 Series, EJ-1

6" (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)
9F60BBB001	1A	Yes	1.562 (40)	7.375 (187)	1.31 (33.3)	2.75kV	52kA	9F61BWW460	9F61BNW450	–
9F60BBB002	2A									
9F60BBB003	3A									

2.75kV 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)
9F60BDB001	1A	Yes	1.562 (40)	9.5 (241)	1.31 (33.3)	2.75 kV	52kA	9F61BWW460	9F61BNW450	9F61ABB101
9F60BDB002	2A									
9F60BDB003	3A									

**Use two clips per fuse*

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)	5.5kV	80kA	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)	5.5kV	80kA	–	–	–
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	1.562 (40)	7.375 (187)	1.31 (33.3)	5.5 kV	80kA	9F61BWW460	9F61BNW450	–
9F60BBD001	1A									
9F60BBD002	2A									
9F60BBD003	3A									
9F60BBN905	0.5A	No	1.562 (40)	7.375 (187)	1.31 (33.3)	5.5 kV	80kA	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	1.562 (40)	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*

7.2KV / 8.25KV / 15.5KV FERRULE MOUNTED FUSES:

7.2kV Potential Transformer fuses – Amp-Trap Series
8.88" (227 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)
A720T1/2E-1	0.5A	No	0.812 (20.6)	9.5 (241)	0.625 (15.9)	7.2kV	50kA	C08917P	–	–
A720T3/4-1	0.75A									
A720T1E-1	1A									
A720T2E-1	2A									
A720T3E-1	3A									

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8.25kV 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)
9F60BDE905	0.5A	Yes	1.562 (40)	9.5 (241)	1.31 (33.3)	8.25 kV	80kA	9F61BWW460	9F61BNW450	9F61ABG101
9F60BDE001	1A									
9F60BDE002	2A									
9F60BDE003	3A									

15.5kV Potential Transformer fuses – 9F60 Series, EJ-1
11.5" (292 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)
9F60BHH905	0.5A	Yes	1.562 (40)	12.875 (327)	1.31 (33.3)	15.5 kV	120kA	9F61BWW460	9F61BNW450	9F61ADG101 (13.8kV nominal - 95 kV BIL) 9F61ADJ101 (14.4kV nominal - 110kV BIL)
9F60BHH001	1A									
9F60BHH002	2A									
9F60BHH003	3A									

**Use two clips per fuse*