

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:

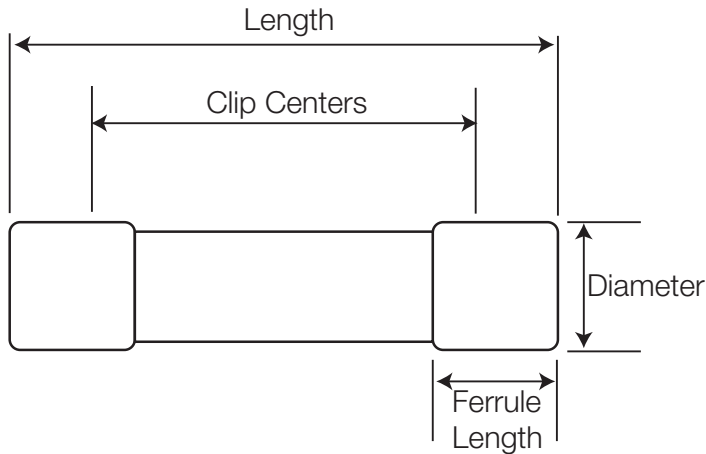
Mersen PT fuses are current-limiting fuses with high interrupting rating, used for the primary winding protection of potential transformer. They are small dimension ferrule type fuses and mount in standard clips. Current ratings are from 0.25A to 5A.

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 : 0.05 to 5A

IR : 50kA Sym

A480T

Volts : 4.8kV AC

Amps : 0.05 to 5A

IR : 50kA Sym

A500T

Volts : 5.05kV 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

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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 | 1.625 (41.3) | 7.375 (187) | 1.31 (33.3) | 5.5 kV | 80kA | 9F61BWW460 | 9F61BNW450 | - |
| 9F60BBD001 | 1A | | | | | | | | | |
| 9F60BBD002 | 2A | | | | | | | | | |
| 9F60BBD003 | 3A | No | 1.625 (41.3) | 7.375 (187) | 1.31 (33.3) | 5.5 kV | 80kA | 9F61BWW460 | 9F61BNW450 | - |
| 9F60BBN905 | 0.5A | | | | | | | | | |
| 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 | 1.625 (41.3) | 9.5 (241) | 1.31 (33.3) | 5.5 kV | 80kA | 9F61BWW460 | 9F61BNW450 | 9F61ABB101 |
| 9F60BDD001 | 1A | | | | | | | | | |
| 9F60BDD002 | 2A | | | | | | | | | |
| 9F60BDD003 | 3A | | | | | | | | | |

*Use two clips per fuse