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**MERSEN**  
Expertise, our source of energy

AMP-TRAP® AND  
9F60 SERIES

MEDIUM VOLTAGE  
POTENTIAL  
TRANSFORMER  
FUSES





# MEDIUM VOLTAGE POTENTIAL TRANSFORMER FUSES

Potential Transformer (PT) fuses are a type of medium voltage fuse that are designed with a small footprint and are used to protect PTs and Control Power Transformers (CPTs) from high fault currents. PTs and CPTs are used in switchgear, utility substations, or other medium voltage settings to step down voltage to a level that can be used for metering, relaying, or to power loads on site. Demand for grid upgrades and medium voltage switchgear directly drives demand for PTs, CPTs, and therefore, PT fuses.

Mersen has a robust offering of PT fuses that protect PTs and CPTs up to 15kV. They have current-limiting performance, high interrupting ratings, a variety of size options, and are widely used by the largest PT and switchgear manufacturers in the industry.

For new medium voltage installations, you can pick from a variety of options with specific electrical characteristics or sizes that will meet your needs and preference. Mersen technical experts can also assist in fuse selection based on the PT or CPT being used and the fuse curves of our fuses. If you are replacing Bussmann fuses in the field, Mersen can assist with cross-referencing those parts to potential Mersen solutions. Whether you are looking to choose a PT fuse for new applications, or are replacing PT fuses in the field, Mersen has product options and expertise to meet your needs.



## FEATURES/BENEFITS:

- Ferrule mounting for use with standard clips and interchangeability with other brands of fuses.
- Current-limiting performance 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 is available on the 9F60 series.

## APPLICATIONS:

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



# MERSEN MEDIUM VOLTAGE PT FUSES

Mersen PT fuses are current-limiting fuses with high interrupting ratings that are used for the primary winding protection of potential transformers (PTs) and control power transformers (CPTs). They are small dimension ferrule type fuses and mount in standard clips. Current ratings are available from 0.25A to 10A.

## AMP-TRAP® PT FUSES

Part Number Prefix	Max Voltage	Amp Range	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max. IR RMS Sym
A240T	2.4kV	0.5A – 5A	No	0.812 [20.6]	4.625 [117.5]	50kA
A480T	5.5kV	0.5A – 5A	No	0.812 [20.6]	5.625 [143]	80kA
A500T	5.5kV	0.25A – 5A	No	1.00 [25.4]	5.625 [143]	80kA
A720T	7.2kV	0.5A – 3A	No	0.812 [20.6]	9.5 [241]	50kA

## 9F60 EJ-1 PT FUSES

Part Number Prefix	Max Voltage	Amp Range	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max. IR RMS Sym
9F60AAA	625V	3A – 10A	Yes	0.812 [20.6]	4.625 [117.5]	100kA
9F60AAB	2.75kV	1A – 2A	Yes	0.812 [20.6]	4.625 [117.5]	52kA
9F60BBB	2.75kV	1A – 3A	Yes	1.562 [40]	7.375 [187]	52kA
9F60BDB	2.75kV	1A – 3A	Yes	1.562 [40]	9.5 [241]	52kA
9F69BBD / 9F60BBN	5.5kV	0.5A – 3A	BBD – yes; BBN – no	1.562 [40]	7.375 [187]	80kA
9F60BDD	5.5kV	0.5A – 3A	Yes	1.562 [40]	9.5 [241]	63kA
9F60BDE	8.25kV	0.5A – 3A	Yes	1.562 [40]	9.5 [241]	80kA
9F60BHH	15.5kV	0.5A – 3A	Yes	1.562 [40]	12.875 [327]	120kA

Full catalog information, fuse curves, and datasheets are available on our website.

## AMP-TRAP® PT FUSES

## 9F60 EJ-1 PT FUSES





MERSEN IS A GLOBAL EXPERT  
IN ELECTRICAL POWER AND  
ADVANCED MATERIALS

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