

# PT Medium voltage fuses for potential and small power transformers



### Description:

- Bussmann® series Indicating and non-indicating E-Rated, current-limiting, medium voltage fuses for potential, small power and control transformers.

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### Features and benefits

- Low amp, current-limiting E-Rated PT medium voltage fuses are general purpose fuses defined by their melting time-current characteristic that permit their electrical interchangeability with other fuses of the same E Rating.
- E-Rated general purpose fuses must have a current responsive element that will melt in 300 seconds at an RMS current within the range of 200% to 240% of the fuse's nameplate current rating, fuse refill, or link per ANSI C37.46 for fuses rated 100E or less.
- PT fuses are physically dimensioned for easy installation in existing hardware.
- Space saving size eases design considerations for new installations.
- Current-limiting fuses provide positive interruption even on low fault currents. The fuse limits the magnitude of electromechanical stresses in the protected apparatus.
- These fuses are in a self-contained, non-venting package for installation indoors or outdoors in an enclosure.
- Available in indicating and non-indicating versions.
- Open fuse indicator speeds troubleshooting by providing a positive visual indication of fuse operation.

### Typical applications:

- Primary protection of:
  - Medium voltage potential transformers
  - Small medium voltage service transformers
  - Small medium voltage control transformers.

## E-Rated PT medium voltage fuses

### Catalog symbols (by maximum voltage rating):

- 2.475kV
  - 2NCLPT\_
- 3.6kV
  - 3.6ABCNA\_
  - 3.6ABWNA\_
  - 3.6CAV\_
- 5.5kV
  - JCW\_
  - 5CLPT\_E
  - 5NCLPT\_E
  - 5NCLPT\_E-A
  - 5.5ABWNA\_E
  - 5.5AMWNA\_E
  - 5.5CAV\_E
  - 5.5CAVH\_E
- 7.2kV
  - 7.2ABWNA\_
  - 7.2ABCNA\_
  - 7.2AMWNA\_E
  - 7.2CAV\_
- 8.3kV
  - 8CLPT\_E-A
  - 8CLPT\_E-B
  - 8NCLPT\_E
  - 8NCLPT\_E-A
  - 8NCLPT\_E-B
- 12kV
  - 12ABCNA\_
  - 12CAV\_
- 15.5kV
  - 15CLPT\_E
  - 15NCLPT\_E-A
  - 15NCLPT\_E-B
  - 15.5CAV\_E
  - 15.5CAVH\_E
- 17.5kV
  - 17.5ABGNA\_
  - 17.5CAV\_
- 24kV
  - 24ABGNA\_
  - 24CAV\_
- 25.5kV
  - 25CLPT\_E
- 36kV
  - 36ABGNA\_
  - 36CAV\_
- 38kV
  - 38CAV\_E
  - 38CAVH\_E
  - 38CLPT\_E

### Ratings\*:

- Volts
  - 2.4kV to 38kV
- Amps
  - 0.25 to 15A
- Interrupting ratings
  - 25 to 80kA RMS Sym

\* See catalog number tables for voltages, ampacities and interrupting ratings by catalog number.

### Agency information:

- Those PT fuses conforming to the requirements for E-Rating meet the performance characteristics of ANSI C37.46