

# E Rated Potential Transformer Fuses

## Current Limiting

Potential Transformer (PT) fuses are current limiting fuses with high interrupting ratings designed for the protection of potential transformers.

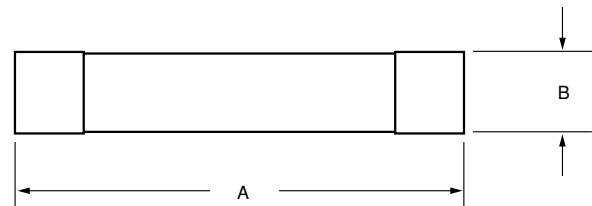
### Application Note:

When applying fuses for the protection of transformers, the magnetizing current inrush must be considered. The characteristics of the inrush, which can be matched with a fuse's time-current curve, should be available from the transformer manufacturer.

### CHARACTERISTICS

**Voltage Rating:** 600VAC – 25,500 VAC

**Current Range:** 1/2E – 10E



|  PT | Catalog Number | Old Catalog Number | Size | Length Dim. A (inches) | Diameter Dim. B (inches) | Max Interrupting Rating RMS (Asym) |
|--------------------------------------------------------------------------------------|----------------|--------------------|------|------------------------|--------------------------|------------------------------------|
| <b>600 Volt</b>                                                                      | 3E-4PT-6       |                    | 3E   | 4.625                  | 0.8125                   | 62,500                             |
|                                                                                      | 5E-4PT-6       |                    | 5E   | 4.625                  | 0.8125                   | 62,500                             |
|                                                                                      | 7E-4PT-6       |                    | 7E   | 4.625                  | 0.8125                   | 62,500                             |
|                                                                                      | 10E-4PT-6      |                    | 10E  | 4.625                  | 0.8125                   | 62,500                             |
| <b>2.4 Max. KV</b>                                                                   | 500E-4PT-2.4   |                    | 1/2E | 4.625                  | 0.8125                   | 40,000                             |
|                                                                                      | 1E-4PT-2.4     | LCD 1E-4           | 1E   | 4.625                  | 0.8125                   | 40,000                             |
|                                                                                      | 2E-4PT-2.4     | LCD 2E-4           | 2E   | 4.625                  | 0.8125                   | 40,000                             |
| <b>2.75 Max. KV</b>                                                                  | 1E-6PT-2.75    |                    | 1E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 2E-6PT-2.75    |                    | 2E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 3E-6PT-2.75    |                    | 3E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 1E-8PT-2.75    |                    | 1E   | 9.5                    | 1.625                    | 50,000                             |
|                                                                                      | 2E-8PT-2.75    |                    | 2E   | 9.5                    | 1.625                    | 50,000                             |
|                                                                                      | 3E-8PT-2.75    |                    | 3E   | 9.5                    | 1.625                    | 50,000                             |
| <b>4.8 Max. KV</b>                                                                   | 1E-5PT-4.8     | LCE 1E-4           | 1E   | 5.5                    | 0.8125                   | 50,000                             |
|                                                                                      | 2E-5PT-4.8     | LCE 2E-4           | 2E   | 5.5                    | 0.8125                   | 50,000                             |
| <b>5.5 Max. KV</b>                                                                   | 1/2E-6PT-5.5   |                    | 1/2E | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 1E-6PT-5.5     |                    | 1E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 2E-6PT-5.5     |                    | 2E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 3E-6PT-5.5     |                    | 3E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 5E-6PT-5.5     |                    | 5E   | 7.375                  | 1.625                    | 37,500                             |
|                                                                                      | 1/2E-8PT-5.5   | LCQ .5E            | 1/2E | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      | 1E-8PT-5.5     | LCQ 1E             | 1E   | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      | 2E-8PT-5.5     | LCQ 2E             | 2E   | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      | 3E-8PT-5.5     | LCQ 3E             | 3E   | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      | 5E-8PT-5.5     | LCQ 5E             | 5E   | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      | 10E-8PT-5.5    | LCQ 10E            | 10E  | 9.5                    | 1.625                    | 37,500                             |
|                                                                                      |                |                    |      |                        |                          |                                    |
| <b>8.25 Max. KV</b>                                                                  | 1/2E-8PT-8.25  |                    | 1/2E | 9.5                    | 1.625                    | 50,000                             |
|                                                                                      | 1E-8PT-8.25    |                    | 1E   | 9.5                    | 1.625                    | 50,000                             |
|                                                                                      | 2E-8PT-8.25    |                    | 2E   | 9.5                    | 1.625                    | 50,000                             |
|                                                                                      | 3E-8PT-8.25    |                    | 3E   | 9.5                    | 1.625                    | 50,000                             |
| <b>15.5 Max. KV</b>                                                                  | 1/2E-11PT-15.5 | LCT .5E            | 1/2E | 12.875                 | 1.625                    | 80,000                             |
|                                                                                      | 1E-11PT-15.5   | LCT 1E             | 1E   | 12.875                 | 1.625                    | 80,000                             |
|                                                                                      | 2E-11PT-15.5   | LCT 2E             | 2E   | 12.875                 | 1.625                    | 80,000                             |
|                                                                                      | 3E-11PT-15.5   | LCT 3E             | 3E   | 12.875                 | 1.625                    | 80,000                             |
|                                                                                      | 3E-16PT-15.5   |                    | 3E   | 17.5                   | 1.625                    | 80,000                             |
|                                                                                      | 5E-16PT-15.5   |                    | 5E   | 17.5                   | 1.625                    | 80,000                             |
| <b>25.5 Max. KV</b>                                                                  | 1/2E-16PT-25.5 | LCJ 1E-4           | 1/2E | 17.5                   | 1.625                    | 43,500                             |
|                                                                                      | 1E-16PT-25.5   | LCJ 2E-4           | 1E   | 17.5                   | 1.625                    | 43,500                             |