



Potential Transformer fuses

PT series fuses are current limiting, non-indicating, partial range HRC fuses available in a variety of voltage, amperage and interrupting ratings. (see chart).

FC series are North American dimensioned PT fuses and provide equals to Westinghouse and CGE. BPT series are British dimensioned PT fuses and offer equals to GEC, Brush, CCL, and EMP.

- Pure silver elements.
- Fully plated metal parts for cool running.
- Excellent current limitation for substantial reduction of short circuit stresses.

Retrofitting

Fusetek PT fuses can replace any other manufacturers' PT fuse with same dimensions and voltage/amp rating. When replacing fuses, ensure that fuse clips still have good spring tension. Adjust or replace if necessary. Make sure contact surfaces are clean and free of corrosion.

Companion Products

Insulators, fuse clips and bases. Please see the end of this section for these items.

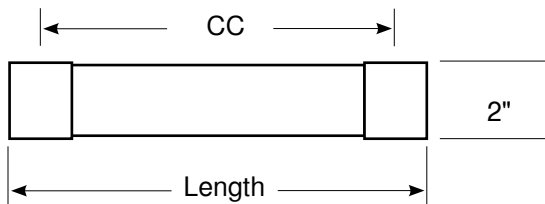
PT Fuses - General Specifications

Vac	Part Number	Ratings	Dimensions			I.R rms symm.
			D	X	L	
North American dimensions						
625Vac	FC460	1/2, 1, 2, 3, 5, 7, 10, 15, 20E	13/16		4.6	37.5kA
2.75kV	FC461	1/4, 1/2, 1, 2, 3, 5E	13/16		4.6	37.5kA
2.75kV	FC462	1/2, 1, 2, 3, 5E	1-9/16		7.4	37.5kA
	FC463		1-9/16		9.5	37.5kA
4.8kV	4.8NPT	1/2, 1, 2, 3, 5E	13/16		5.6	50kA
5.5kV	FC464	1/2, 1, 2, 3, 5E	1-9/16		7.4	50kA
	FC465		1-9/16		9.5	50kA
8.3kV	FC466	1/2, 1, 2, 3, 5E	1-9/16		9.5	50kA
15.5kV	FC467	1/2, 1, 2, 3, 5E	1-9/16		12.8	35kA
25.8kV	FCA22	1/2, 1, 2, 3, 5E	1-9/16		17.5	32kA
British dimensions						
5.5kV	5.5BPT	1/2, 1, 2, 3, 5E	1.0		5.6	40kA
8.5kV	8.5BPT	1/2, 1, 2, 3E	1.0		7.6	40kA
Other types						
1.2kV	184000	32mA-6.3A	8mm		50mm	35A
3.0kV	185000	32mA-4A	8mm		85mm	35A
6.0kV	186000	32mA-4A	8mm		120mm	35A
10.0kV	187000	32mA-2A	8mm		150mm	35A
15.5kV	FC493	Ozonator 1/2A only	15mm		153mm	30kA

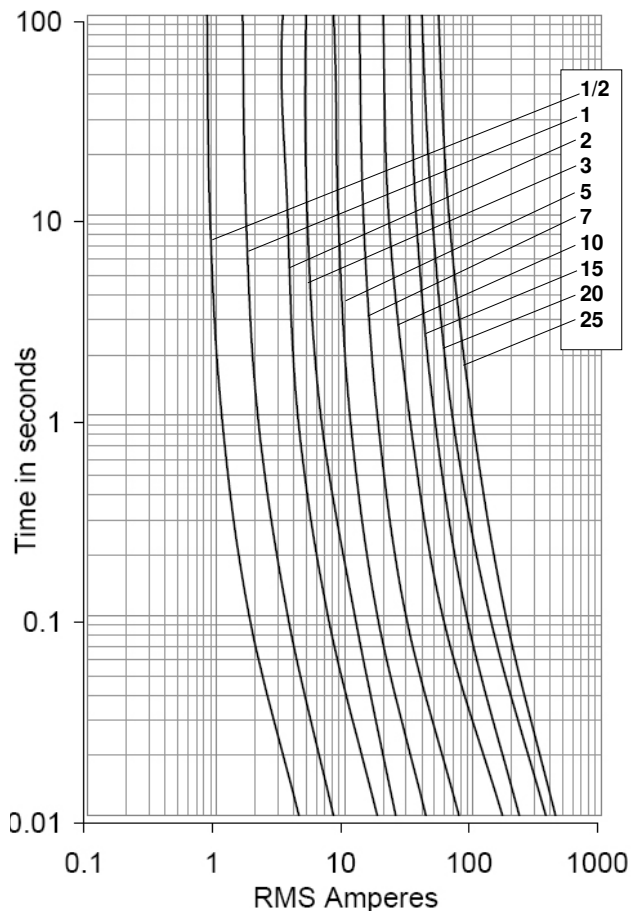


2" Format (B diam.) - General Specifications

Part Number	Vac	Ratings available	Diam.	L	CC	I.R
FC468	2.5/2.7kV	1, 2, 3, 5, 7, 10, 15, 20, 25A	2"	9.2"	7.0"	50kA
FC469	4.8/5.5kV	1, 2, 3, 5, 7, 10, 15, 20, 25A	2"	11.2"	9.0"	50kA
FC471	7.2/8.3kV	1, 2, 3, 5, 7, 10, 15, 20, 25A	2"	14.2"	12.0"	50kA
FC472	13.8/15.5kV	1, 2, 3, 5, 7, 10, 15A	2"	14.2"	12.0"	50kA
FC473	23/25.8kV	1, 3, 5, 7, 10, 15A	2"	17.2"	15.0"	40kA
FC474	23/25.8kV	1, 3, 5, 7, 10A	2"	22.5"	21.0"	32kA



Melting Time current Characteristics



For all PT fuses

Transformer Fuse Table		
Transformer Primary FLC (A) from	Transformer Primary FLC (A) to	Fuse rating (A)
0	.15	1/2
.16	0.30	1
0.31	0.62	2
0.63	1.0	3
1.1	1.5	5
1.6	2.5	7
2.6	4.8	10
4.9	7.5	15
7.6	11.2	20
11.3	15.0	25