TCCF
2.4/4.8kV Capacitor fuses

TCCF fuses are current-limiting, partial range fuse designed for the individual unit fusing of three phase capacitors in metal enclosed equipments. They are non-indicating and non-disconnecting.

- Direct stud-mounting on 1/2-13 capacitor studs eliminates seperate holder.
- replaces Westinghouse, GE and some McGraw fuses
- Adapters are available to convert to other stud threads

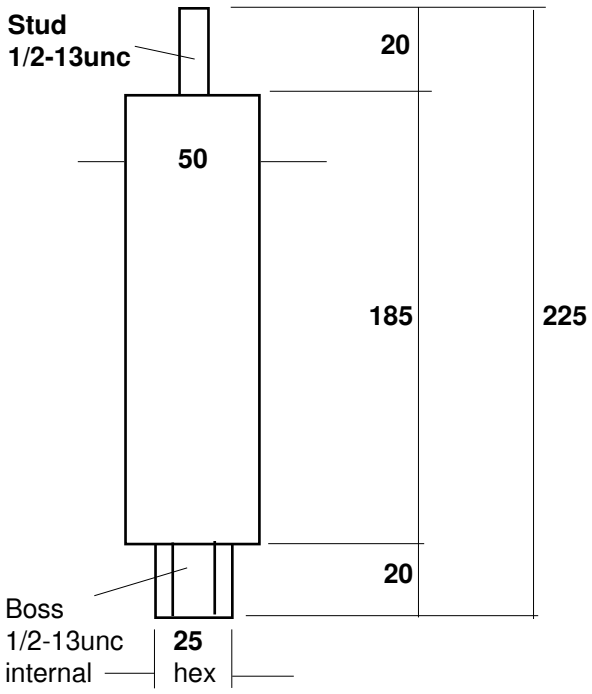
p/n example TCCF- 50

Ratings:	25, 50, 75, 100, 125
Vac:	25 - 75A 4.8kV
	100 - 125A 2.4kV
I.R:	50kA rms symm
m.b.c	200% of rating
Approvals:	designed in accordance with ANSI 47.40

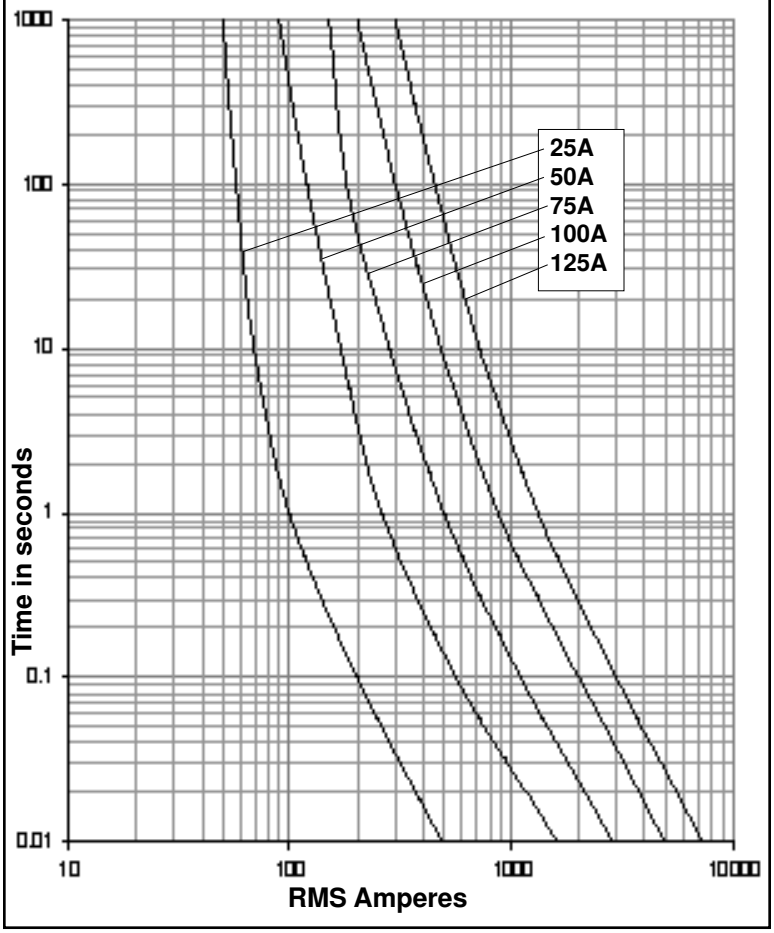
Application

Please refer to the fuse selection chart on page 27 of this publication.

Dimensions (mm)



TCCF Average melt time current curves

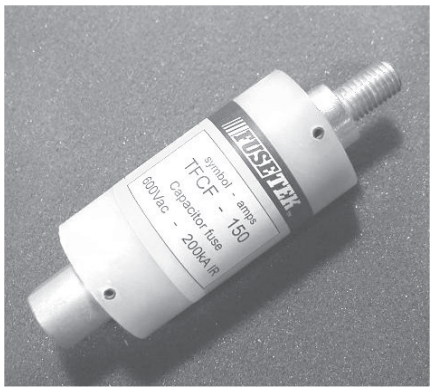


SIBA 600V Capacitor fuses

SIBA capacitor fuses offer increased voltage and amp ratings for larger capacitor applications. They feature ceramic bodies and higher interrupting ratings. Imperial UNC thread pattern is standard. Metric styles also available.

Rated Voltage **AC 4.8kV**	Class **Back up**	Thread **1/2" UNC**				Standard **IEC 60 282-1 - IEC 60 549**
Rated Current	Part No.	D= Diameter inch	mm	Rated Breaking Capacity kA	Weight (kg/1)	Pack
6.3A	30 349 21	2.5	63.5	63	1.8	1
10A	30 349 21	2.5	63.5	63	1.8	1
16A	30 349 21	2.5	63.5	63	1.8	1
20A	30 349 21	2.5	63.5	63	1.8	1
25A	30 349 21	2.5	63.5	63	1.8	1
31.5A	30 349 21	2.5	63.5	63	1.8	1
40A	30 349 21	2.5	63.5	63	1.8	1
50A	30 349 21	2.5	63.5	63	1.8	1
63A	30 349 21	2.5	63.5	63	1.8	1
80A	30 349 21	2.5	63.5	63	1.8	1
100A	30 349 21	2.5	63.5	63	1.8	1
125A	30 350 21	2.99	76	63	2.5	1
160A	30 350 21	2.99	76	63	2.5	1
200A	30 351 21	2.99	76	63	3.6	1
250A	30 351 21	2.99	76	63	3.6	1

Rated Voltage **AC 7.2kV**	Class **Back up**	Thread **1/2" UNC**				Standard **IEC 60 282-1 - IEC 60 549**
Rated Current	Part No.	D= Diameter inch	mm	Rated Breaking Capacity kA	Weight (kg/1)	Pack
6.3A	30 352 21	2.5	63.5	63	1.8	1
10A	30 352 21	2.5	63.5	63	1.8	1
16A	30 352 21	2.5	63.5	63	1.8	1
20A	30 352 21	2.5	63.5	63	1.8	1
25A	30 352 21	2.5	63.5	63	1.8	1
31.5A	30 352 21	2.5	63.5	63	1.8	1
40A	30 352 21	2.5	63.5	63	1.8	1
50A	30 352 21	2.5	63.5	63	1.8	1
63A	30 352 21	2.5	63.5	63	1.8	1
80A	30 352 21	2.5	63.5	63	1.8	1
100A	30 352 21	2.5	63.5	63	1.8	1
125A	30 353 21	2.99	76	63	2.5	1
160A	30 353 21	2.99	76	63	2.5	1
200A	30 353 21	2.99	76	63	3.6	1



TFCF 600V Capacitor fuses

TFCF fuses are current limiting fuses designed for the unit fusing of 600v (or less) capacitors. They are threaded for M12 metric capacitor bushings, but may be adapted to other thread patterns with the adapters shown elsewere in this publication.

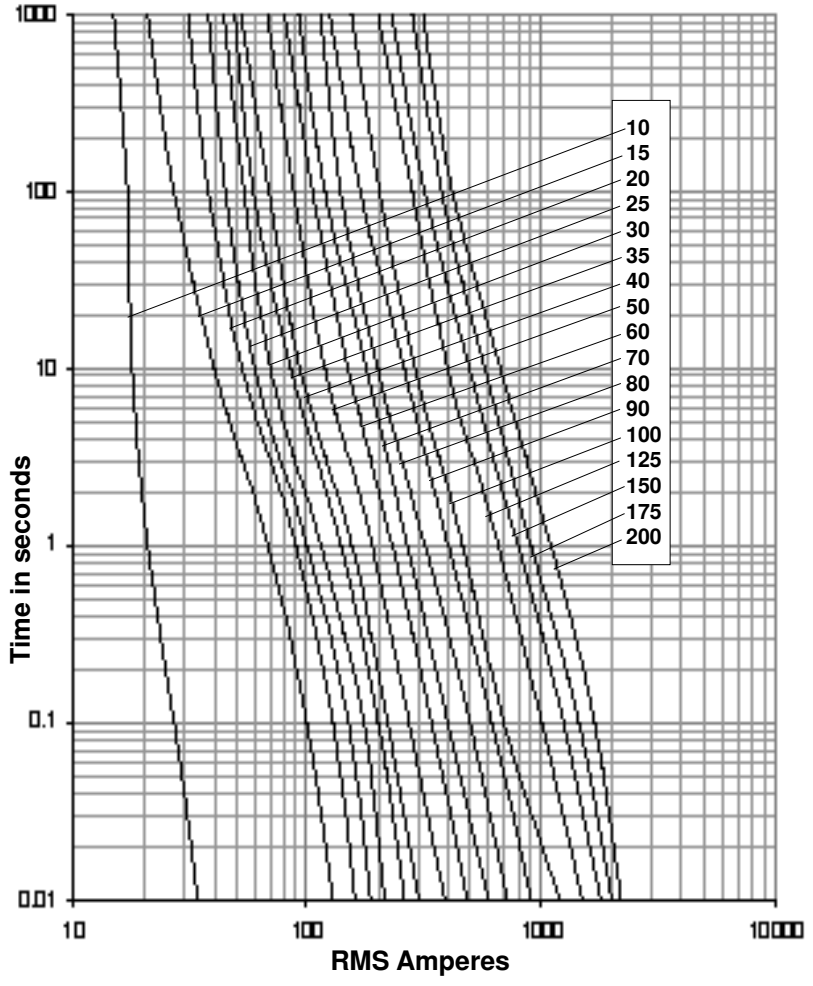
- Metric threaded for direct screw on mounting to metric capacitor studs.
- Excellent short circuit performance.
- Fully plated metal parts for cooler running.

TFCF fuses should be selected at 250-300% of the nominal capacitor full load current or next nearest size up. If capacitor is installed in close proximity to other capacitor banks, or is switched frequently, select higher amp fuses within this range.

600Vac
200kA IR

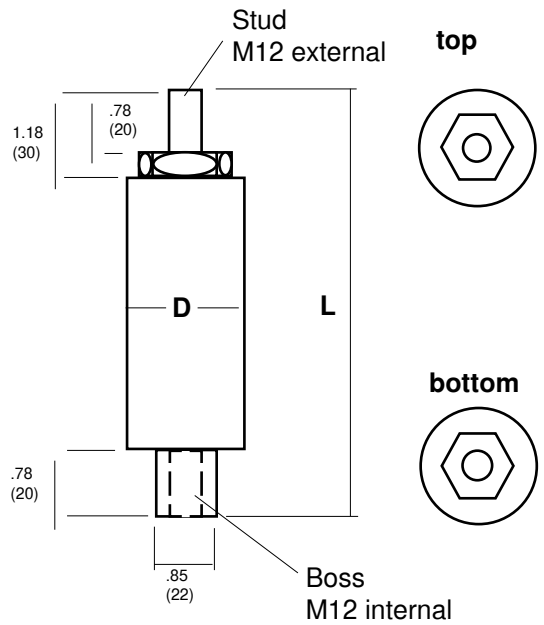
p/n example TFCF- 50

Melting Time Current Characteristics



General Specifications - in. (mm)

Part number	Amp ratings	L	D
TFCF	10, 15, 20, 25, 30A 35, 40, 50, 60A 70, 80, 90, 100A	4.13” (105)	1.10” (28)
	125, 150, 175, 200A	4.84” (123)	1.62” (41)



Fuse Selection chart for Capacitor fuses

Applicable for all current limiting fuses - high and low voltage. Use dotted line for single phase and star connections, solid line for delta connections. Above 100A, curves are identical.

For auto-switching, or switching in close proximity to other capacitor banks, multiply capacitor FLA x 1.6 before using scale at bottom. Read up from capacitor FLA scale at bottom to intersection of appropriate curve (star or delta). Fuse rating is whatever band intersection occurs in. Read fuse rating on left scale.