

CONVENTIONAL TRANSFORMER FUSING – SINGLE PHASE INSTALLATIONS																
PRIMARY CIRCUIT VOLTAGE	EACH TRANSFORMER TANK KVA SIZE															
	10	15	25	37	50	75	100	150	167	200	250	333	500	667	833	
	ANSI TYPE_K FUSE LINK AMPERE RATING (F1K)															
2400 delta 2400/4160 Grd. Y	10	15	25	40	40	65	65	100	100		140					
4160 Ungrd. Y	6	10	15	25	25	40	40	65	65		100	140				
4800 delta 4800/8320 Grd. Y	6	10	15	25	25	40	40	65	65		100	140				
7200 delta 7200/12470 Grd. Y 7620/13200 Grd. Y 7970/13800 Grd. Y	3	6	10	10	15	25	25	40	40		65	65	100	140	200	
12000 delta 13200 Ungrd. Y 13800 Ungrd. Y 13200/22860 Grd. Y 13800/23900 Grd. Y 14400/24900 Grd. Y	3	3	3	6	10	15	15	25	25		40	40	65	100		
23000 delta 19920/34500 Grd. Y	3	3	3	6	6	10	10	15	15		25	25	40	65	65	

CONVENTIONAL TRANSFORMER FUSING – THREE PHASE INSTALLATIONS																
PRIMARY CIRCUIT VOLTAGE	EACH TRANSFORMER TANK KVA SIZE															
	10	15	25	37	50	75	100	150	167	200	250	333	500	667	833	
	ANSI TYPE_K FUSE LINK AMPERE RATING (F1K)															
2400 delta 2400/4160 Grd. Y 4160 Ungrd. Y	15	25	40	65	65	100	100	140	140	200	200					
4800 delta 4800/8320 Grd. Y	10	15	25	40	40	65	65	100	100	100	140	140				
7200 delta 7200/12470 Grd. Y 7620/13200 Grd. Y 7970/13800 Grd. Y 12000 delta 13200 Ungrd. Y 13800 Ungrd. Y	3	6	10	10	15	25	25	40	40	40	65	65	100	140	200	
13200/22860 Grd. Y 13800/23900 Grd. Y 14400/24900 Grd. Y 23000 delta	3	3	3	6	10	15	15	25	25		40	40	65	100		
19920/34500 Grd. Y	3	3	3	6	6	10	10	15	15		25	25	40	65	65	


1. For open delta or Scott connections, fuse individual transformers the same as for single phase.
2. All fuses in standard three phase (3Φ) banks (same kVA ratings) shall be of the same rating maintaining consistent operating characteristics. Three phase (3Φ) transformers (T-T winding) are fused the same as an equivalent transformer bank of three single-phase transformers.
3. For non-standard banks (unlike kVA ratings) ONLY, fuse as follows:
 - a. For wye or open delta, fuse individual transformers the same as for single phase.
 - b. For closed delta banks, the two fuses feeding the larger transformer shall be fused for the size and voltage rating of the larger transformer. The fuse common to the smaller transformers shall be fused for the size and voltage rating of the smaller transformer.

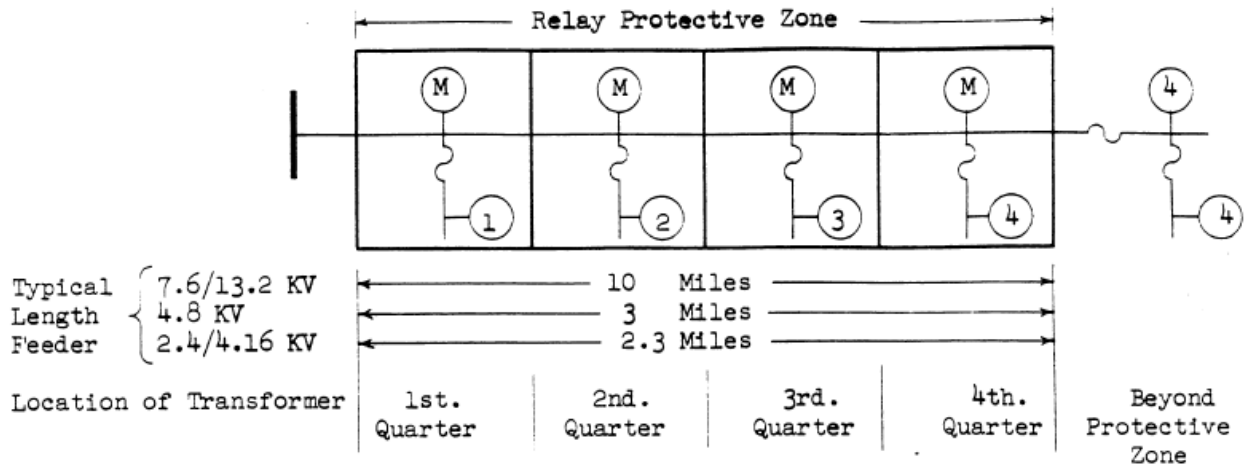
Non-standard Company application. If necessary, consult Standards Engineering

CONVENTIONAL TRANSFORMER FUSING – SINGLE PHASE INSTALLATIONS															
PRIMARY CIRCUIT VOLTAGE	EACH TRANSFORMER TANK KVA SIZE														
	10	15	25	37	50	75	100	150	167	200	250	333	500	667	833
	ANSI TYPE_T FUSE LINK AMPERE RATING (F1T)														
2400 delta 2400/4160 Grd. Y	6	10	15	25	40	40	65	100	100						
7200 delta 7200/12470 Grd. Y 7620/13200 Grd. Y 7970/13800 Grd. Y	3	3	6	10	10	10	15	25	25		40	65	100		

CONVENTIONAL TRANSFORMER FUSING – THREE PHASE INSTALLATIONS															
PRIMARY CIRCUIT VOLTAGE	EACH TRANSFORMER TANK KVA SIZE														
	10	15	25	37	50	75	100	150	167	200	250	333	500	667	833
	ANSI TYPE_T FUSE LINK AMPERE RATING (F1T)														
2400/4160 Grd. Y	6	10	15	25	40	40	65	100	100						
7200 delta 7200/12470 Grd. Y 7620/13200 Grd. Y 7970/13800 Grd. Y	3	3	6	10	10	10	15	25	25		40	65	100		

1. For open delta or Scott connections, fuse individual transformers the same as for single phase.
2. All fuses in standard three phase (3Φ) banks (same kVA ratings) shall be of the same rating maintaining consistent operating characteristics.
3. Three phase (3Φ) transformers (T-T winding) are fused the same as an equivalent transformer bank of three single-phase transformers.
4. For non-standard banks (unlike kVA ratings) ONLY, fuse as follows:
 - c. For wye or open delta, fuse individual transformers the same as for single phase
 - d. For closed delta banks, the two fuses feeding the larger transformer shall be fused for the size and voltage rating of the larger transformer. The fuse common to the smaller transformers shall be fused for the size and voltage rating of the smaller transformer.

 Non-standard Company application. If necessary, consult Standards Engineering



ANSI TYPE_K FUSE LINK AMPERE RATING (F1K)								
SIZE CSP TRANS.	LOCATION	2.4/4.16 KV		4.8 KV		7.6/13.2 KV		
		REC.	MIN.	REC.	MIN.	REC.	MIN.	
5	1	100		100		100		
5	2	65		50		50		
5	3	50		40		40		
5	4	50	40	40	25	40	25	
10	1	100		100		100		
10	2	65		50		50		
10	3	65		40		40		
10	4	65	40	40	25	40	25	
15	1	100		100		100		
15	2	65		65		50		
15	3	65		50		40		
15	4	65	65	50	40	40	25	
25	1	140		100		100		
25	2	100		65		65		
25	3	100		50		50		
25	4	100	100	50	40	40	40	
37.5	1	200		140		100		
37.5	2	200		100		65		
37.5	3	200		100		65		
37.5	4	200	140	100	100	65	65	
50	1-4	200	200	140	140	140	100	
75	1-4	200	200	200	200	140	100	
5-75	M	-----STATION BREAKER-----						