

APPLICATION OF SLOFAST FUSE LINKS

Single and Three Phase Transformer Protection

(Grounded wye, ungrounded wye, open wye, closed delta systems; balanced loads)

KVA		2400/4160 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.63	0.6
3	9	1.25	1.3
5	15	2.08	2.1
7.5	22.5	3.13	3.1
10	30	4.17	4.2
15	45	6.25	6.3
25	75	10.42	10.4
37.5	112.5	15.6	14
50	150	20.90	21
75	225	31.3	32
100	300	41.7	46

KVA		4160/7200 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.36	0.3
3	9	.72	0.7
5	15	1.20	1.3
7.5	22.5	1.80	1.6
10	30	2.40	2.1
15	45	3.60	3.5
25	75	6.01	6.3
37.5	112.5	9.01	7.8
50	150	12.0	10.4
75	225	18.0	14
100	300	24.0	21
167	500	40.1	46

KVA		6930/12,000 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.22	0.2
3	9	.43	0.4
5	15	.73	0.7
7.5	22.5	1.08	1.0
10	30	1.44	1.4
15	45	2.16	2.1
25	75	3.60	3.5
37.5	112.5	5.41	5.2
50	150	7.21	7.0
75	225	10.8	10.4
100	300	14.5	14
167	500	24.1	21
250	750	36	32
333	1000	48	46

KVA		7200/12,470 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.21	0.2
3	9	.42	0.4
5	15	.69	0.7
7.5	22.5	1.04	1.0
10	30	1.39	1.4
15	45	2.08	2.1
25	75	3.47	3.5
37.5	112.5	5.21	5.2
50	150	6.95	7.0
75	225	10.42	10.4
100	300	13.89	14
167	500	23.2	21
250	750	34.7	32
333	1000	46.3	46

KVA		7620/13,200 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.20	0.2
3	9	.39	0.4
5	15	.66	0.7
7.5	22.5	.98	1.0
10	30	1.31	1.4
15	45	1.97	2.1
25	75	3.28	3.5
37.5	112.5	4.92	5.2
50	150	6.57	7.0
75	225	9.84	10.4
100	300	13.12	14
167	500	21.9	21
250	750	32.81	32
333	1000	43.7	46

KVA		7970/13,800 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.19	0.2
3	9	.39	0.4
5	15	.63	0.6
7.5	22.5	.94	1.0
10	30	1.25	1.3
15	45	1.88	2.1
25	75	3.13	3.1
37.5	112.5	4.68	4.2
50	150	6.26	6.3
75	225	9.42	10.4
100	300	12.2	14
167	500	20.9	21
250	750	31.4	32
333	1000	41.8	46

KVA		8320/14,400 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.18	0.2
3	9	.36	0.3
5	15	.60	0.6
7.5	22.5	.90	1.0
10	30	1.20	1.3
15	45	1.80	1.6
25	75	3.0	3.1
37.5	112.5	4.5	4.2
50	150	6.0	6.3
75	225	9.0	7.8
100	300	12.0	10.4
167	500	20.0	21
250	750	30.5	32
333	1000	40	46

KVA		12,000/20,800 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.13	0.2
3	9	.25	0.2
5	15	.42	0.4
7.5	22.5	.63	0.6
10	30	.83	0.7
15	45	1.25	1.3
25	75	2.08	2.1
37.5	112.5	3.13	3.1
50	150	4.17	4.2
75	225	6.25	6.3
100	300	8.33	7.8
167	500	13.9	14
250	750	20.83	21
333	1000	27.75	32
500	1500	41.67	46

KVA		13,200/23,000 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.11	0.2
3	9	.23	0.2
5	15	.38	0.4
7.5	22.5	.57	0.6
10	30	.76	0.7
15	45	1.14	1.0
25	75	1.89	2.1
37.5	112.5	2.84	3.1
50	150	3.79	3.5
75	225	5.68	5.2
100	300	7.57	7.8
167	500	12.65	10.4
250	750	18.94	14
333	1000	25.23	21
500	1500	37.88	32

KVA		13,800/23,900 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.11	0.2
3	9	.22	0.2
5	15	.36	0.3
7.5	22.5	.54	0.6
10	30	.72	0.7
15	45	1.09	1.0
25	75	1.81	2.1
37.5	112.5	2.71	3.1
50	150	3.62	3.5
75	225	5.42	5.2
100	300	7.24	7.0
167	500	12.10	10.4
250	750	18.10	14
333	1000	24.10	21
500	1500	36.20	32

KVA		14,400/25,000 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.10	0.2
3	9	.21	0.2
5	15	.35	0.3
7.5	22.5	.52	0.4
10	30	.69	0.7
15	45	1.04	1.0
25	75	1.73	1.6
37.5	112.5	2.60	2.1
50	150	3.47	3.5
75	225	5.21	5.2
100	300	6.95	7.0
167	500	11.60	10.4
250	750	17.35	14
333	1000	23.10	21
500	1500	34.70	32

KVA		19,900/34,500 Volts	
1Ø	3Ø	Full Load	Recom'd SloFast
1.5	4.5	.08	0.2
3	9	.15	0.2
5	15	.25	0.2
7.5	22.5	.38	0.3
10	30	.50	0.4
15	45	.76	0.6
25	75	1.26	1.3
37.5	112.5	1.89	1.6
50	150	2.51	2.1
75	225	3.77	3.5
100	300	5.05	5.2
167	500	8.4	7.8
250	750	12.6	10.4
333	1000	16.73	14
500	1500	25.13	21



NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

APPLICATION OF SLOFAST FUSE LINKS

Single Phase Open Delta Transformer Protection (Balanced Loads)

KVA	4160 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.36	0.3
3	.72	0.7
5	1.20	1.3
7.5	1.80	1.6
10	2.40	2.1
15	3.60	3.5
25	6.01	6.3
37.5	9.01	10.4
50	12.02	14
75	18.03	21
100	24.04	21
167	40.1	46

KVA	7200 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.21	0.2
3	.42	0.4
5	.69	0.7
7.5	1.04	1.0
10	1.39	1.4
15	2.08	2.1
25	3.47	3.5
37.5	5.21	5.2
50	6.95	7.0
75	10.42	10.4
100	13.89	14
167	23.2	21
250	34.7	32
333	46.3	46

KVA	12,000 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.13	0.2
3	.25	0.2
5	.42	0.4
7.5	.63	0.6
10	.83	0.7
15	1.25	1.3
25	2.08	2.1
37.5	3.13	3.1
50	4.17	4.2
75	6.25	6.3
100	8.33	7.8
167	13.9	14
250	20.83	21
333	27.75	32
500	41.67	46

KVA	12,470 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.12	0.2
3	.24	0.2
5	.40	0.4
7.5	.60	0.6
10	.80	0.7
15	1.20	1.3
25	2.02	2.1
37.5	3.05	3.1
50	4.01	4.2
75	6.02	6.3
100	8.03	7.8
167	13.4	14
250	20.1	21
333	26.7	32
500	40.1	46

KVA	13,200 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.11	0.2
3	.23	0.2
5	.38	0.4
7.5	.57	0.6
10	.76	0.7
15	1.14	1.0
25	1.89	2.1
37.5	2.84	3.1
50	3.79	3.5
75	5.68	5.2
100	7.57	7.8
167	12.65	10.4
250	18.94	14
333	25.23	21
500	37.88	32

KVA	13,800 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.11	0.2
3	.22	0.2
5	.36	0.3
7.5	.54	0.6
10	.72	0.7
15	1.09	1.0
25	1.81	2.1
37.5	2.71	3.1
50	3.62	3.5
75	5.42	5.2
100	7.24	7.0
167	12.10	10.4
250	18.10	14
333	24.10	21
500	36.20	32

KVA	14,400 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.10	0.2
3	.21	0.2
5	.35	0.3
7.5	.52	0.4
10	.69	0.7
15	1.04	1.0
25	1.73	1.6
37.5	2.60	2.1
50	3.47	3.5
75	5.21	5.2
100	6.95	7.0
167	11.60	10.4
250	17.35	14
333	23.10	21
500	34.70	32

KVA	20,800 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.07	0.2
3	.14	0.2
5	.24	0.2
7.5	.36	0.3
10	.48	0.4
15	.72	0.7
25	1.20	1.0
37.5	1.80	1.6
50	2.40	2.1
75	3.61	3.5
100	4.80	4.2
167	8.02	7.8
250	12.02	10.4
333	16.01	14
500	24.04	21

KVA	23,000 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.07	0.2
3	.13	0.2
5	.22	0.2
7.5	.33	0.3
10	.43	0.4
15	.65	0.6
25	1.09	1.0
37.5	1.63	1.6
50	2.17	2.1
75	3.26	3.1
100	4.35	4.2
167	7.26	7.0
250	10.87	10.4
333	14.48	14
500	21.74	21

KVA	23,900 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.06	0.2
3	.13	0.2
5	.21	0.2
7.5	.31	0.3
10	.42	0.4
15	.63	0.6
25	1.05	1.0
37.5	1.57	1.4
50	2.09	2.1
75	3.14	3.1
100	4.18	4.2
167	6.99	7.0
250	10.46	10.4
333	13.93	14
500	20.92	21

KVA	25,000 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.06	0.2
3	.12	0.2
5	.20	0.2
7.5	.30	0.3
10	.40	0.4
15	.60	0.6
25	1.0	1.0
37.5	1.5	1.4
50	2.0	2.1
75	3.0	3.1
100	4.0	3.5
167	6.68	6.3
250	10.0	10.4
333	13.32	14
500	20.0	21

KVA	34,500 Ø - Ø Voltage	
	Full Load	Recom'd SloFast
	1Ø	
1.5	.04	0.2
3	.09	0.2
5	.145	0.2
7.5	.22	0.2
10	.29	0.3
15	.43	0.4
25	.72	0.7
37.5	1.08	1.0
50	1.45	1.4
75	2.17	2.1
100	2.89	3.1
167	4.84	4.2
250	7.25	7.2
333	9.65	7.8
500	14.49	14



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