

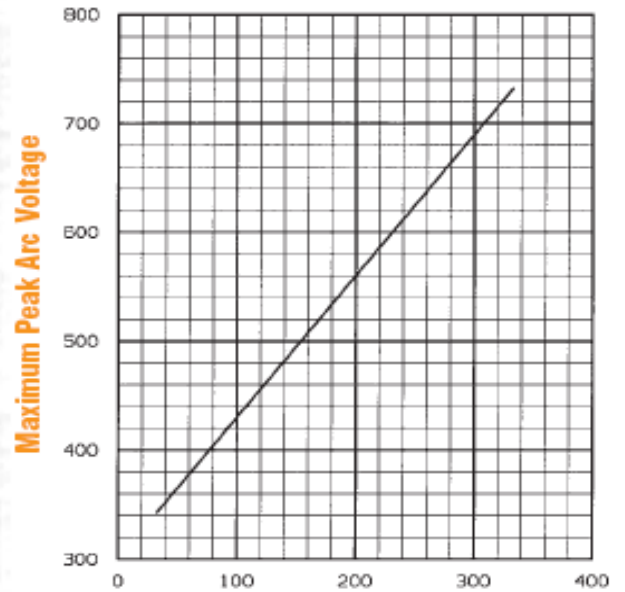
ELECTRICAL CHARACTERISTICS

I²t Data

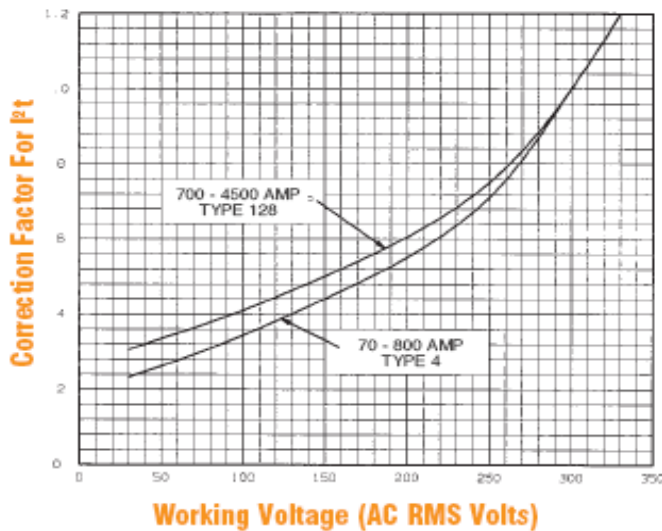
AMPERE RATING	MELTING I ² t (A ² s X 10 ³)	MAX CLEARING I ² t	
		@ 250VAC (A ² s X 10 ³)	@ 300 VAC (A ² s X 10 ³)
1	0.0001	0.0002	0.0003
2	0.0004	0.0008	0.001
3	0.001	0.0018	0.002
4	0.002	0.0035	0.004
5	0.004	0.007	0.008
6	0.001	0.007	0.010
7	0.001	0.007	0.010
8	0.002	0.010	0.013
10	0.003	0.013	0.018
12	0.004	0.018	0.025
15	0.006	0.032	0.045
20	0.009	0.053	0.075
25	0.017	0.09	0.13
30	0.027	0.15	0.21
35	0.09	0.61	0.90
40	0.13	0.83	1.2
45	0.15	1.0	1.5
50	0.21	1.4	2.0
60	0.29	1.9	2.7
70	0.24	1.2	1.6
80	0.42	1.9	2.8
90	0.53	2.3	3.2
100	0.74	3.0	4.1
125	1.2	4.6	6.3
130	1.2	4.6	6.3
150	1.9	6.8	9.3

AMPERE RATING	MELTING I ² t (A ² s X 10 ³)	MAX CLEARING I ² t	
		@ 250VAC (A ² s X 10 ³)	@ 300 VAC (A ² s X 10 ³)
175	2.1	7.6	10
200	3.0	11	15
225	3.5	16	22
250	4.4	19	25
275	5.5	23	31
300	6.9	27	37
350	12	45	62
400	16	61	83
450	25	95	130
500	30	120	160
550	36	140	190
600	47	170	230
700	50	190	260
800	67	240	330
900	83	290	380
1000	100	350	460
1200	200	680	880
1500	330	1100	1400
1600	390	1300	1690
1800	450	1500	2000
2000	590	2000	2600
2500	920	3100	4000
3000	1200	3600	4700
3500	1700	5000	6500
4000	2200	6600	8600
4500	2800	8400	11000

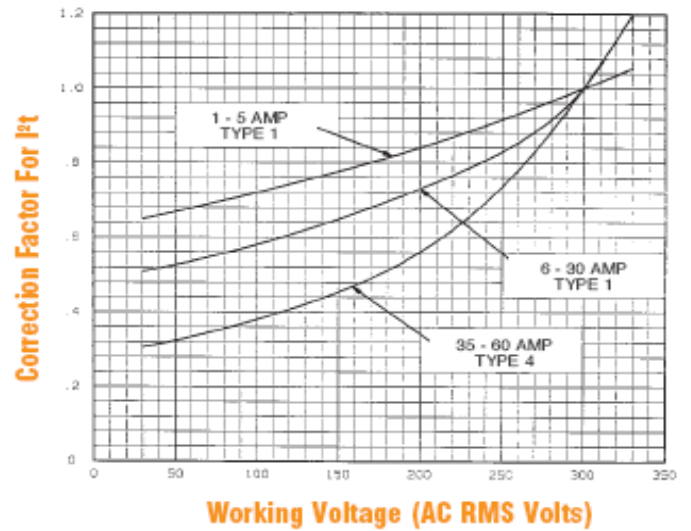
Peak Arc Voltage



I²t vs. Working Voltage



I²t vs. Working Voltage



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ELECTRICAL CHARACTERISTICS

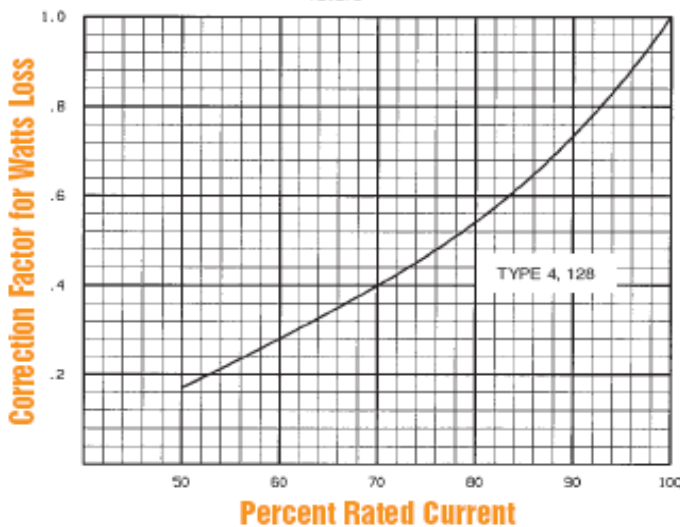
Watts Loss at Rated Current

AMPERE RATING	WATTS LOSS (W)		AMPERE RATING	WATTS LOSS (W)	
	Type 1	Type 4		Type 4	Type 128
1	0.9		175	27	
2	1.0		200	30	
3	1.4		225	33	
4	1.7		250	41	
5	2.0		275	44	
6	2.3		300	47	
7	2.6		350	49	
8	3.0		400	56	
10	4.0		450	53	
12	4.9		500	59	
15	6.4		550	65	
20	8.8		600	69	
25	10.5		700	90	73
30	12.4		800	108	84
35		6.4	900		94
40		7.0	1000		105
45		9.0	1200		110
50		9.9	1500		140
60		11.6	1600		150
70		11	1800		170
80		11	2000		190
90		13	2500		230
100		13	3000		340
125		16	3500		380
130		16	4000		450
150		19	4500		500

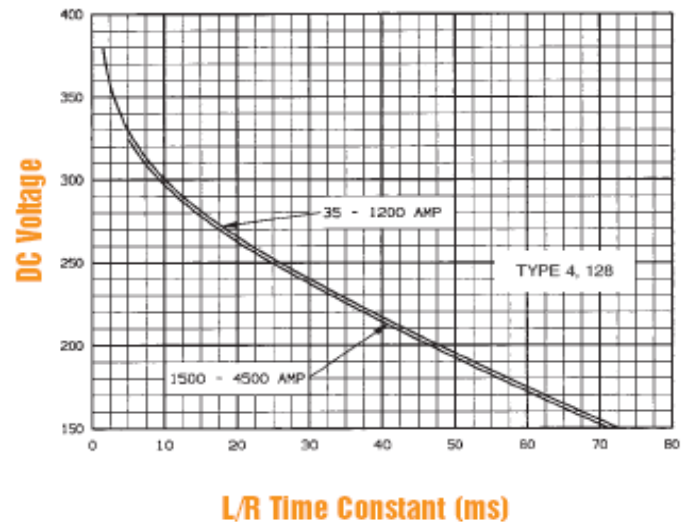
Clearing I²t at 300VDC, 100kA, L/R = 10ms

AMPERE RATING	CLEARING I ² t (A ² s X 10 ⁶)	AMPERE RATING	CLEARING I ² t (A ² s X 10 ⁶)
35	0.45	450	100
40	0.58	500	130
50	0.96	550	150
60	1.3	600	190
70	1.3	700	200
80	2.1	800	260
90	2.5	900	300
100	3.3	1000	360
125	5.0	1200	710
130	5.0	1500	1200
150	7.5	1600	1400
175	8.3	1800	1600
200	12	2000	2100
225	18	2500	3300
250	20	3000	4300
275	25	3500	5900
300	29	4000	7700
350	50	4500	9900
400	66		

Watts loss vs. Percent Rated Current



DC Voltage Capability vs. Circuit Time Constant (ms)



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