

MMC Design Chart

CDE 942C20P15K (.150uF 2000 vdc)

Mains Frequency - 60 Hz

Transformer Specs			Resonant Capacitor			Static Gap LTR Capacitor			SRSG LTR Capacitor		
NST	KV	mA	Value	# Caps	# Strings	Value	# Caps	# Strings	Value	# Caps	# Strings
9/30	9	30	0.0088	17	1	0.0133	11	1	0.0231	7	1
9/60	9	60	0.0177	9	1	0.0265	6	1	0.0461	7	2
10/23	10	23	0.0061	24	1	0.0092	16	1	0.0159	9	1
12/30	12	30	0.0066	23	1	0.0099	15	1	0.0173	9	1
12/60	12	60	0.0133	11	1	0.0199	8	1	0.0346	9	2
12/90	12	90	0.0199	8	1	0.0298	10	2	0.0519	9	3
12/120	12	120	0.0265	11	2	0.0398	8	2	0.0692	9	4
15/30	15	30	0.0053	28	1	0.0080	19	1	0.0138	11	1
15/60	15	60	0.0106	14	1	0.0159	10	1	0.0277	11	2
15/90	15	90	0.0159	10	1	0.0239	13	2	0.0415	11	3
15/120	15	120	0.0212	14	2	0.0318	10	2	0.0553	11	4

Mains Frequency - 50 Hz

Transformer Specs			Resonant Capacitor			Static Gap LTR Capacitor			SRSG LTR Capacitor		
NST	KV	mA	Value	# Caps	# Strings	Value	# Caps	# Strings	Value	# Caps	# Strings
9/30	9	30	0.0106	14	1	0.0159	9	1	0.0277	6	1
9/60	9	60	0.0212	7	1	0.0318	9	2	0.0553	6	2
10/23	10	23	0.0073	20	1	0.0110	13	1	0.0191	8	1
12/30	12	30	0.0080	19	1	0.0119	12	1	0.0208	8	1
12/60	12	60	0.0159	9	1	0.0239	12	2	0.0415	8	2
12/90	12	90	0.0239	19	3	0.0358	8	2	0.0623	8	3
12/120	12	120	0.0318	9	2	0.0477	9	3	0.0830	8	4
15/30	15	30	0.0064	23	1	0.0095	15	1	0.0166	10	1
15/60	15	60	0.0127	12	1	0.0191	15	2	0.0332	10	2
15/90	15	90	0.0191	16	2	0.0286	11	2	0.0498	10	3
15/120	15	120	0.0255	12	2	0.0382	12	3	0.0664	10	4