HC4A
High Power Resonant Capacitors



FEATURES	High AC Voltage - High Current
APPLICATIONS	Induction Heating - Tank Circuits

KVAR	**400**
CAPACITANCE TOLERANCE	**+/-10%**
MAXIMUM CORE TEMPERATURE	**+85°C**
SURFACE TEMPERATURE	**+45ºC (Above 45ºC the KVAR rating must be de-rated by 2.25%/ºC)**
CONSTRUCTION	**Self-healing**
SELF INDUCTANCE	**< 5 nH**
DIELECTRIC	**Polypropylene**
FLAME RETARDANT	**UL94V0**

Standard Part Listing

Capacitance (µF)	VAC	IC PART number	Maximum RMS current (A)	MAX power kvar	Frequency range (kHz)	ESR (mΩ) 100kHz, +25°C	Dimensions (mm)			Terminal Style
							B	H	L	
0.10	1000	104HC4A102K2CM6	400	400	637	1.5	30.2	30	68	2CM6
0.17	1000	174HC4A102K2CM6	400	400	375	1.4	30.2	30	68	2CM6
0.33	800	334HC4A800K2CM6	500	400	302	1.2	30.2	30	68	2CM6
0.50	700	504HC4A700K2CM6	650	400	260-336	1.1	30.2	30	68	2CM6
0.66	700	664HC4A700K2CM6	650	400	197-255	1.0	30.2	30	68	2CM6
1.32	600	135HC4A600K2CM6	800	400	133-192	0.9	30.2	30	68	2CM6
2.4	500	245HC4A500K2CM6	800	400	106	0.8	30.2	30	68	2CM6

Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

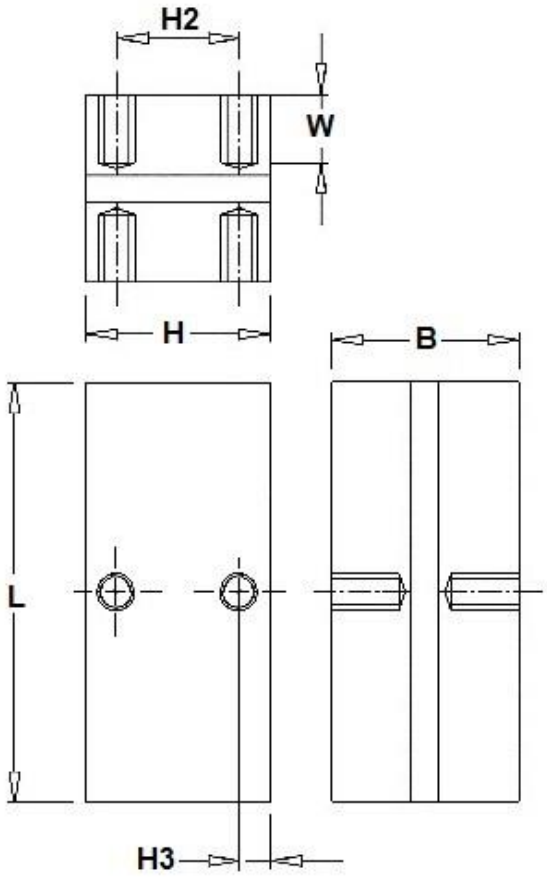
CDE CORNELL DUBILIER
ENERGIZING IDEAS
ILLINOIS CAPACITOR

Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com

HC4A
High Power Resonant Capacitors



LEAD STYLE: 2CM6



L	H	B	H2	H3	W
68±0.5	30±0.5	30.2±0.1	20	5	10
Mounting Holes: M6x1 Tap fitted with SS helicoil					
Tightening torque: 15Nm MAX					

Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

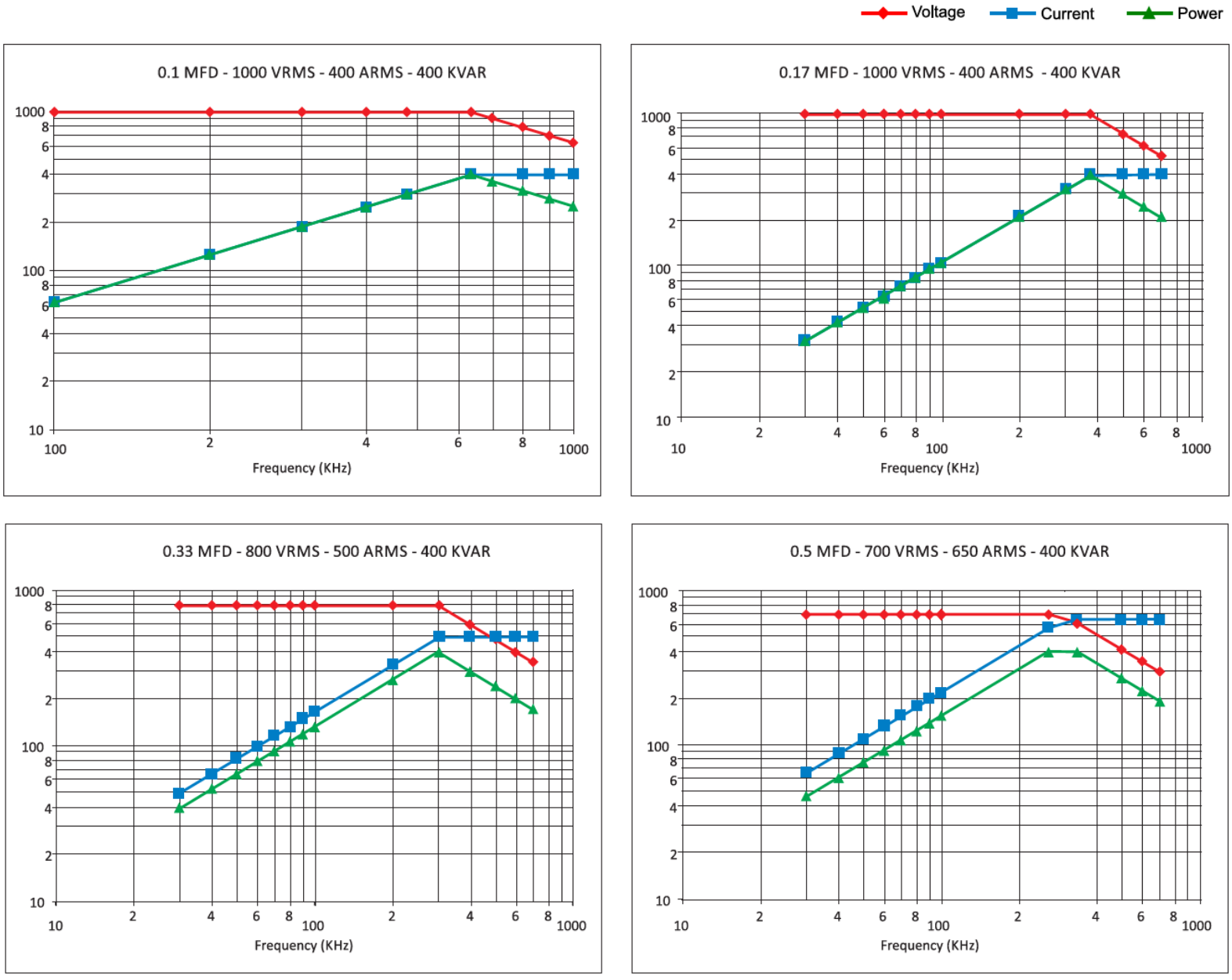
CDE ENERGIZING IDEAS
CORNELL DUBILIER
ILLINOIS CAPACITOR

Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com

HC4A
High Power Resonant Capacitors



Frequency Derating



Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

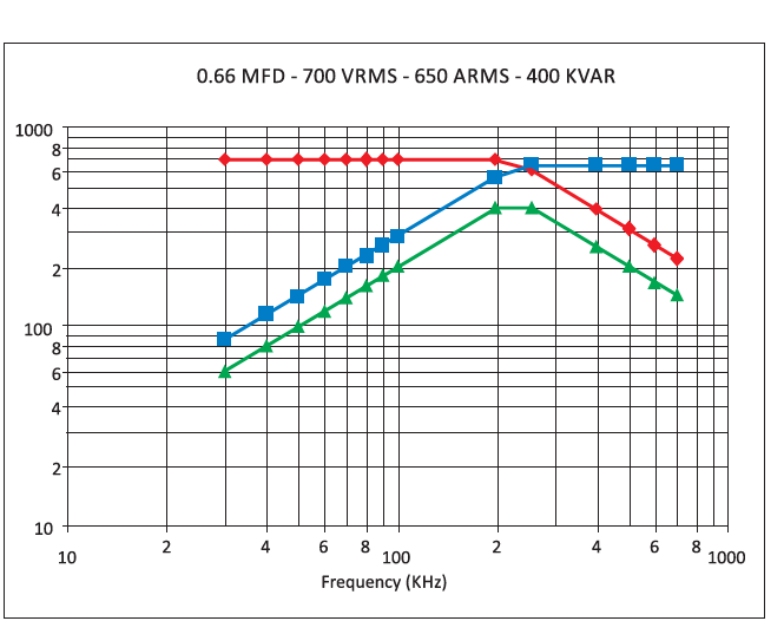
CDE ENERGIZING IDEAS
CORNELL DUBILIER
ILLINOIS CAPACITOR

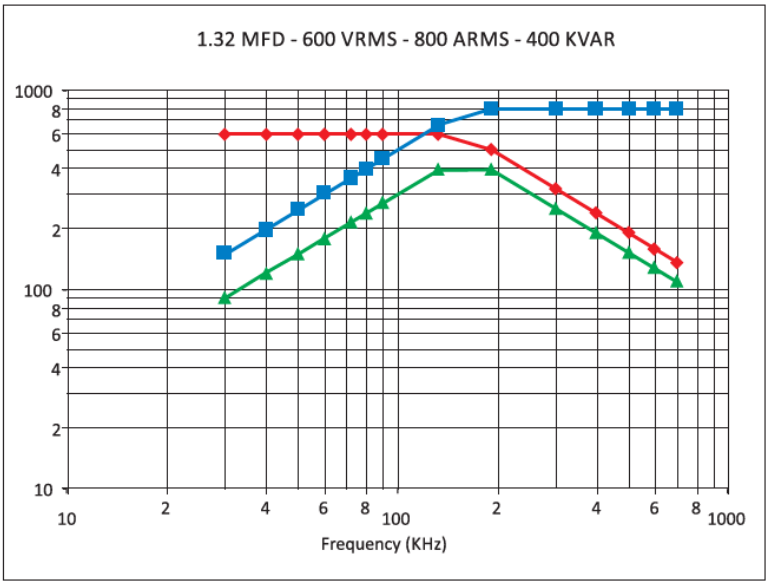
Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com

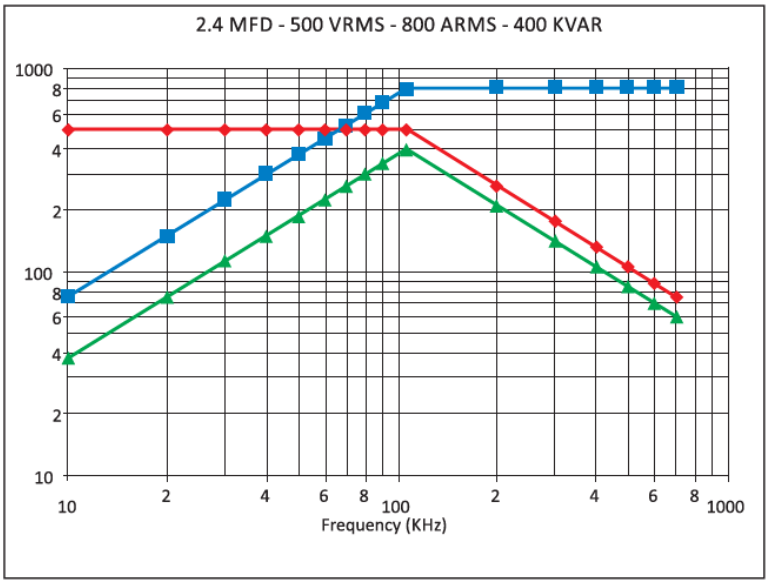
HC4A
High Power Resonant Capacitors



Frequency Derating







Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

CDE ENERGIZING IDEAS
CORNELL DUBILIER
ILLINOIS CAPACITOR

Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com