

Capacitors, Arresters and Harmonic Filters

High Voltage Capacitor Units, Single and Three-Phase

Section 20

Standard Duty
(Film/Foil Designs w/Dielektrol®)
50-600 kVAR, 60 Hertz
2400-24,940 Volts

Film/Foil Dielektrol® is the GE non-PCB low loss power capacitor dielectric system, developed to provide lower operating costs and greatly enhanced fuse coordination for the prevention of case ruptures. The Dielektrol® insulating liquid is a Class IIIB combustible fluid.

- These capacitors are designed to meet ANSI Std 18
- Units for special applications (i.e. system harmonics) or other non-standard capacitors, contact Product Department or visit www.ge.com/energy
- CSA labeling available upon request

Single Phase Standard Ratings and Product Numbers¹

Voltage	BIL	50 kVAR		100 kVAR		150 kVAR		200 kVAR	
		1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing
2400	95	51L221WC62	51L201WC62	54L221WC62	54L201WC62	54L521WC62	54L501WC62	58L121WC62	58L101WC62
2770	95	51L222WC29	51L202WC29	54L222WC69	54L202WC69	54L522WC69	54L502WC69	58L122WC70	58L102WC70
4160	95	51L223WC70	51L203WC70	54L223WC70	54L203WC70	54L523WC70	54L503WC70	58L123WC70	58L103WC70
4800	95	51L224WC70	51L204WC70	54L224WC70	54L204WC70	54L524WC62	54L504WC62	58L124WC62	58L104WC62
6640	95	51L225WC70	51L205WC70	54L225WC70	54L205WC70	54L525WC70	54L505WC70	58L125WC70	58L105WC70
7200	95	51L226WC70	51L206WC70	54L226WC70	54L206WC70	54L526WC70	54L506WC70	58L126WC70	58L106WC70
7620	95	51L227WC70	51L207WC70	54L227WC70	54L207WC70	54L527WC70	54L507WC70	58L127WC70	58L107WC70
7960	95	51L228WC70	51L208WC70	54L228WC70	54L208WC70	54L528WC70	54L508WC70	58L128WC70	58L108WC70
8320	95	51L235WC70	51L215WC70	54L235WC70	54L215WC70	54L535WC70	54L515WC70	58L129WC70	58L109WC70
9960	95	51L234WC70	51L214WC70	54L234WC70	54L214WC70	54L534WC70	54L514WC70	58L130WC70	58L110WC70
12470	95	51L229WC70	51L209WC70	54L229WC70	54L209WC70	54L529WC70	54L509WC70	58L131WC70	58L111WC70
13280	95	51L230WC70	51L210WC70	54L230WC70	54L210WC70	54L530WC70	54L510WC70	58L132WC70	58L112WC70
13800	95	51L231WC70	51L211WC70	54L231WC70	54L211WC70	54L531WC70	54L511WC70	58L133WC70	58L113WC70
14400	95	51L232WC70	51L212WC70	54L232WC70	54L212WC70	54L532WC70	54L512WC70	58L134WC70	58L114WC70
19920	150	51L255WC62	-	54L255WC62	-	54L555WC70	-	58L155WC70	-
21600	150	51L256WC62	-	54L256WC62	-	54L556WC70	-	58L156WC70	-

Voltage	BIL	300 kVAR		400 kVAR		500 kVAR		600 kVAR	
		1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing
2400	95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2770	95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4160	95	59L123WC70	59L103WC70	98L123WC59	98L103WC59	N/A	N/A	N/A	N/A
4800	95	59L124WC62	59L104WC62	98L124WC62	98L104WC62	N/A	N/A	N/A	N/A
6640	95	59L125WC70	59L105WC70	98L125WC60	98L105WC60	98L525WC60	98L505WC60	98L585WC60	98L565WC60
7200	95	59L126WC62	59L106WC62	98L126WC63	98L106WC63	98L526WC62	98L506WC62	98L586WC60	98L566WC60
7620	95	59L127WC70	59L107WC70	98L127WC70	98L107WC70	98L527WC70	98L507WC70	98L587WC70	98L567WC70
7960	95	59L128WC70	59L108WC70	98L128WC70	98L108WC70	98L528WC70	98L508WC70	98L588WC70	98L568WC70
8320	95	59L129WC70	59L109WC70	98L129WC70	98L109WC70	98L529WC70	98L509WC70	98L589WC70	98L569WC70
9960	95	59L130WC70	59L110WC70	98L130WC70	98L110WC70	98L530WC70	98L510WC70	98L590WC69	98L570WC69
12470	95	59L131WC70	59L111WC70	98L131WC70	98L111WC70	98L531WC70	98L511WC70	98L591WC70	98L571WC70
13280	95	59L132WC70	59L112WC70	98L132WC70	98L112WC70	98L532WC70	98L512WC70	98L592WC62	98L572WC62
13800	95	59L133WC70	59L113WC70	98L133WC70	98L113WC70	98L533WC60	98L513WC60	98L593WC62	98L573WC62
14400	95	59L134WC62	59L114WC62	98L134WC62	98L114WC62	98L534WC62	98L514WC62	98L594WC62	98L574WC62
19920	150	59L155WC70	-	98L155WC62	-	98L555WC61	-	98L595WC60	-
21600	150	59L156WC60	-	98L156WC62	-	98L556WC61	-	98L596WC60	-

¹Larger kVAR units, extra creep options and other voltages are available. Consult factory for product numbers and pricing.

Provided by Northeast Power Systems, Inc.
www.nepsi.com



For more product information, go to www.ge.com/energy, click on "Products and Services" and then "Products."
For up-to-date outline drawings, go to <http://www.ge-energy.com/ecatalog/html/index>

Capacitors, Arresters and Harmonic Filters

High Voltage Capacitor Units, Single- and Three-Phase

Section 20

Heavy Duty

Film/Foil Designs w/Dielektrol®)

50-600 kVAR, 60 Hertz

2400-24,940 Volts

GE Heavy Duty all-film capacitors are designed, manufactured, and tested to meet the requirements of all applicable ANSI/IEEE, NEMA, and IEC standards. In addition they are designed to exceed the requirements of these standards in terms of continuous rms and peak overvoltage withstand capabilities. They are good for 125% continuous rms overvoltage capability and 135% peak overvoltage capability. These capacitors are suitable for industrial power systems that have higher voltages or harmonic loads. CSA Labeling available upon request and 50 HZ designs also available upon request.

GE Heavy Duty 125% Continuous Overvoltage Capability Product Numbers

Voltage	BIL	50 KVAR		100 KVAR		150KVAR		200KVAR	
		1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing
2400	95	51L221WC10	51L201WC10	54L221WC10	54L201WC10	54L521WC10	54L501WC10	58L121WC10	58L101WC10
2770	95	51L222WC10	51L202WC10	54L222WC10	54L202WC10	54L522WC10	54L502WC10	58L122WC10	58L102WC10
4160	95	51L223WC10	51L203WC10	54L223WC10	54L203WC10	54L523WC10	54L503WC10	58L123WC10	58L103WC10
4800	95	51L224WC10	51L204WC10	54L224WC10	54L204WC10	54L524WC10	54L504WC10	58L124WC10	58L104WC10
6640	95	51L225WC10	51L205WC10	54L225WC10	54L205WC10	54L525WC10	54L505WC10	58L125WC10	58L105WC10
7200	95	51L226WC10	51L206WC10	54L226WC10	54L206WC10	54L526WC10	54L506WC10	58L126WC10	58L106WC10
7620	95	51L227WC10	51L207WC10	54L227WC10	54L207WC10	54L527WC10	54L507WC10	58L127WC10	58L107WC10
7960	95	51L228WC10	51L208WC10	54L228WC10	54L208WC10	54L528WC10	54L508WC10	58L128WC10	58L108WC10
8320	95	51L235WC10	51L215WC10	54L235WC10	54L215WC10	54L535WC10	54L515WC10	58L129WC10	58L109WC10
9960	95	51L234WC10	51L214WC10	54L234WC10	54L214WC10	54L534WC10	54L514WC10	58L130WC10	58L110WC10
12470	95	51L229WC10	51L209WC10	54L229WC10	54L209WC10	54L529WC10	54L509WC10	58L131WC10	58L111WC10
13280	95	51L230WC10	51L210WC10	54L230WC10	54L210WC10	54L530WC10	54L510WC10	58L132WC10	58L112WC10
13800	95	51L231WC10	51L211WC10	54L231WC10	54L211WC10	54L531WC10	54L511WC10	58L133WC10	58L113WC10
14400	95	51L232WC10	51L212WC10	54L232WC10	54L212WC10	54L532WC10	54L512WC10	58L134WC10	58L114WC10
19920	150	51L255WC10	-	54L255WC10	-	54L555WC10	-	58L155WC10	-
21600	150	51L256WC10	-	54L256WC10	-	54L556WC10	-	58L156WC10	-

Voltage	BIL	300 KVAR		400 KVAR		500 KVAR	
		1 Bushing	2 Bushing	1 Bushing	2 Bushing	1 Bushing	2 Bushing
2400	95	N/A	N/A	N/A	N/A	N/A	N/A
2770	95	N/A	N/A	N/A	N/A	N/A	N/A
4160	95	59L123WC10	59L103WC10	98L123WC10	98L103WC10	N/A	N/A
4800	95	59L124WC10	59L104WC10	98L124WC10	98L104WC10	N/A	N/A
6640	95	59L125WC10	59L105WC10	98L125WC10	98L105WC10	98L525WC10	98L505WC10
7200	95	59L126WC10	59L106WC10	98L126WC10	98L106WC10	98L526WC10	98L506WC10
7620	95	59L127WC10	59L107WC10	98L127WC10	98L107WC10	98L527WC10	98L507WC10
7960	95	59L128WC10	59L108WC10	98L128WC10	98L108WC10	98L528WC10	98L508WC10
8320	95	59L129WC10	59L109WC10	98L129WC10	98L109WC10	98L529WC10	98L509WC10
9960	95	59L130WC10	59L110WC10	98L130WC10	98L110WC10	98L530WC10	98L510WC10
12470	95	59L131WC10	59L111WC10	98L131WC10	98L111WC10	98L531WC10	98L511WC10
13280	95	59L132WC10	59L112WC10	98L132WC10	98L112WC10	98L532WC10	98L512WC10
13800	95	59L133WC10	59L113WC10	98L133WC10	98L113WC10	98L533WC10	98L513WC10
14400	95	59L134WC10	59L114WC10	98L134WC10	98L114WC10	98L534WC10	98L514WC10
19920	150	59L155WC10	-	98L155WC10	-	98L555WC10	-
21600	150	59L156WC10	-	98L156WC10	-	98L556WC10	-

www.nepsi.com
Provided by Northeast Power Systems, Inc.

