

# Introduction – Protective Capacitors

## Dielektrol Non-PCB Protective Capacitors with Internal Discharge Resistors Indoor or Outdoor Application

### Product Description, Features & Benefits

- Surge protection for AC generators, synchronous condensers and large motors
- Time proven GE dielectric system
- Dielektrol Non-PCB insulating fluid
- Provides turn-to-turn insulation protection by reducing steepness of wave fronts applied to or reflected within the machine
- Used in combination with TRANQUELL GE station arresters for optimum protection
- Protective capacitors contain a film dielectric and hermetically sealed bushings, which permit mounting of the capacitors in an upright position or on their side<sup>1</sup>
- Altitude 0 to 15000<sup>2</sup>

*Note 1: Upside down mounting is allowed for 18L0060WH, 18L0061WH and 18L0062WH only. See product table for rating details.*

*Note 2: See Altitude de-rating table for de-rating of application voltage.*

### Product Table

Voltage Rating rms Volts L-L *	Maximum Voltage rms Volts L-L	Catalog number	Poles per Unit	Microfarads per Pole	Approximate net weight		Drawing
					lbs	kg	
0 - 650	715	9L18BBB301	3	1.0	4	18	A
2400	2640	18L0015WH	3	0.5	36	16.5	4
4160	4576	18L0015WH	3	0.5	36	16.5	4
6900	7590	18L0019WH	1	0.5	29	13	1
7200	7960	18L0065WH	3	0.5	35	16	5
13800	15180	18L0009WH	1	0.25	33	15	2
13800	15180	18L0012WH	3	0.25	66	30	6
24000	26400	18L0010WH	1	0.125	57	26	3
24940	-	18L0070WH	1	0.25	75	34	10
750 *	-	18L0004WH	1	4.0	12	5.5	9
3900 *	-	18L0005WH	1	4.0	46	20.9	8
13800	15180	18L0051WH	1	0.05	49	22.3	11
13800	15180	18L0060WH <sup>1</sup>	1	0.25	32	14.5	2
6900	7590	18L0061WH <sup>1</sup>	1	0.5	30	13.6	1
4160	4576	18L0062WH <sup>1</sup>	3	0.5	36	16.4	4

\* 18L0004WH and 18L0005WH are rated for DC Applications

<sup>1</sup> Units are rated for inverted mounting

<sup>2</sup> For other mounting arrangements contact factory

<sup>3</sup> 2400 and 4160 volt rated designs are identical and use the same catalog number

<sup>4</sup> All AC capacitor units are CSA labeled