



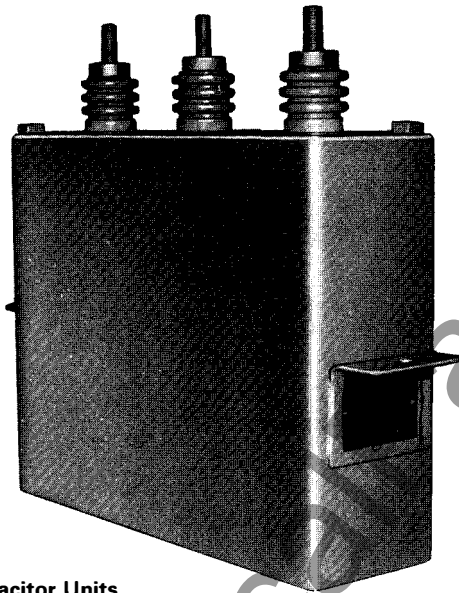
July, 1985
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Mailed to: E, D, C/39-000A, 39-000B

2½ — 60 KVAR
240, 480, 600 Volts
1 & 3 Phase, 60 Hz
Replacement Capacitors

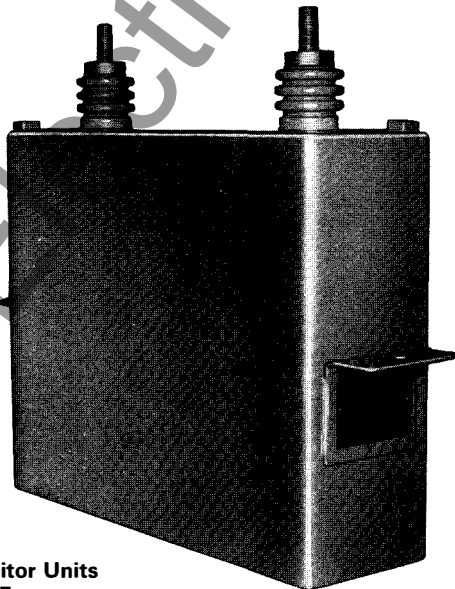
Type DV Industrial Replacement Power Capacitors

WEMCOL Dielectric Fluid

Type DV Low Voltage Capacitor Units for Replacements in Existing Westinghouse Equipment



**Three (3) Phase
Delta Connected Capacitor Units
240, 480, 600 Volt, No fuses
or Dust Cover Included**



**Single (1) Phase Capacitor Units
240, 480, 600 Volt, No Fuses
or Dust Cover Included**

Description

The Westinghouse type DV REPLACEMENT capacitors are single or three phase, 60 Hz., 240, 480, and 600 volts for replacement of DV units provided in existing Westinghouse equipments, such as IDP, ICE, MDP, VAR-PAK, and metal enclosed banks. When completely replacing these equipments or for new installations, refer to new designs, such as Westinghouse DRI-VAR, in PL 39-210 and DB 39-215, 216, 217, and 218.

Standards

Type DV REPLACEMENT capacitors meet or exceed all applicable requirements of NEMA and ANSI/IEEE Standards for low voltage power capacitors.

Specifications

Capacitor unit — consists of individually-wound sections of low-loss poly-propylene film, Kraft paper, and aluminum foil; dielectric fluid is Westinghouse WEMCOL non-PCB and is completely bio-gradable and does not bio-accumulate. WEMCOL is an OSHA Class IIIB combustible fluid (For further information on WEMCOL, refer to TD 39-212). Each DV capacitor is provided with internal discharge resistors connected between the terminals to reduce the residual voltage to 50 volts or less within one minute of deenergization. The capacitor case is ANSI 70 light gray painted steel with all joints welded. The DV capacitor was used in both indoor and outdoor assemblies. Each DV capacitor has 3 (3-phase) or 2 (single phase) ANSI 70 light gray porcelain bushings, gland-sealed to the capacitor cover.

Customer Connections — Each bushing is provided with 0.500-13 threaded terminal studs.

Mounting — The DV capacitor is provided with a floor mounting bracket kit and two integral, welded mounting flanges.

Testing — Westinghouse DV REPLACEMENT capacitors meet or exceed all applicable NEMA CP-1 and ANSI/IEEE-18 design and production test requirements for low voltage power capacitors.



**Type DV Single and Three Phase Replacement Capacitor Units
Selector Guide and Dimensions**

DV Style Numbers*	KVAR	Dimensions (inches)			Nt. Wt. (Lbs.)
		A	B	C	
240 Volt					
1N02240A01/A02	2.5	5.500	4.125	4.437	20
1N02240A03/A04	5	9.000	3.750	8.312	31
1N02240A05/A06	7.5	12.500	7.250	8.312	41
1N02240A07/A08	10	15.625	10.375	8.312	50
1N02240A09/A10	15	22.125	16.875	8.312	71
1N02240A11/A12 ①	20	20.125	14.875	8.312	92
1N02240A13/A14 ①	25	24.375	19.125	8.312	112
480 Volt					
1N02480A01/A02	5	3.875	2.500	4.437	15
1N02480A03/A04	7.5	4.750	3.375	4.437	18
1N02480A05/A06	10	5.500	4.125	4.437	20
1N02480A07/A08	15	7.375	6.000	4.437	26
1N02480A09/A10	20	9.000	3.750	8.312	31
1N02480A11/A12	25	10.625	5.375	8.312	36
1N02480A13/A14	30	12.500	7.250	8.312	41
1N02480A15/A16	35	13.750	8.500	8.312	46
1N02480A17/A18	40	15.625	10.375	8.312	50
1N02480A19/A20	45	17.375	12.125	8.312	57
1N02480A21/A22	50	19.125	13.875	8.312	64
1N02480A23/A24	60	22.125	16.875	8.312	75
600 Volt					
1N02600A01/A02	7.5	4.250	2.875	4.437	16
1N02600A03/A04	10	4.750	3.375	4.437	19
1N02600A05/A06	15	6.250	4.875	4.437	22
1N02600A07/A08	20	7.375	6.000	4.437	27
1N02600A09/A10	25	9.000	3.750	8.312	31
1N02600A11/A12	30	10.250	5.000	8.312	35
1N02600A13/A14	35	11.375	6.125	8.312	38
1N02600A15/A16	40	12.875	7.625	8.312	43
1N02600A17/A18	45	14.375	9.125	8.312	47
1N02600A19/A20	50	15.625	10.375	8.312	53
1N02600A21/A22	60	18.375	13.125	8.312	60

* Style numbers indicated are for 3 phase/1 phase; e.g., 1N02480A01 is 3 phase and 1N02480A02 is 1 phase, etc.
^① Width for these ratings is 6.000 inches.

For further information, refer to PL 39-210.

