



Westinghouse Electric Corporation  
T&D Components Division  
Bloomington, Indiana 47401

Descriptive Bulletin  
**39-217**

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UL Listed  
2-30 KVAR  
480 Volts  
3 Phase, 60 Hz  
Oil & Irrigation  
Field Applications  
Outdoor

## DRI-VAR Motor Mate Power Capacitors

### Dry Metallized Dielectric

#### Description

The Westinghouse DRI-VAR Motor Mate power factor correction capacitors are three phase, 60 Hz., 480 volts, 2 through 30 KVAR. DRI-VAR Motor Mates are outdoor weather-proof, especially suited for pole mounting in oil field and irrigation applications, where they are switched with the motor starter.

#### Standards

DRI-VAR Motor Mates meet or exceed all applicable requirements of NEMA and ANSI/IEEE for low voltage capacitors. In addition, DRI-VAR Motor Mate UL listing is pending as of this publication.

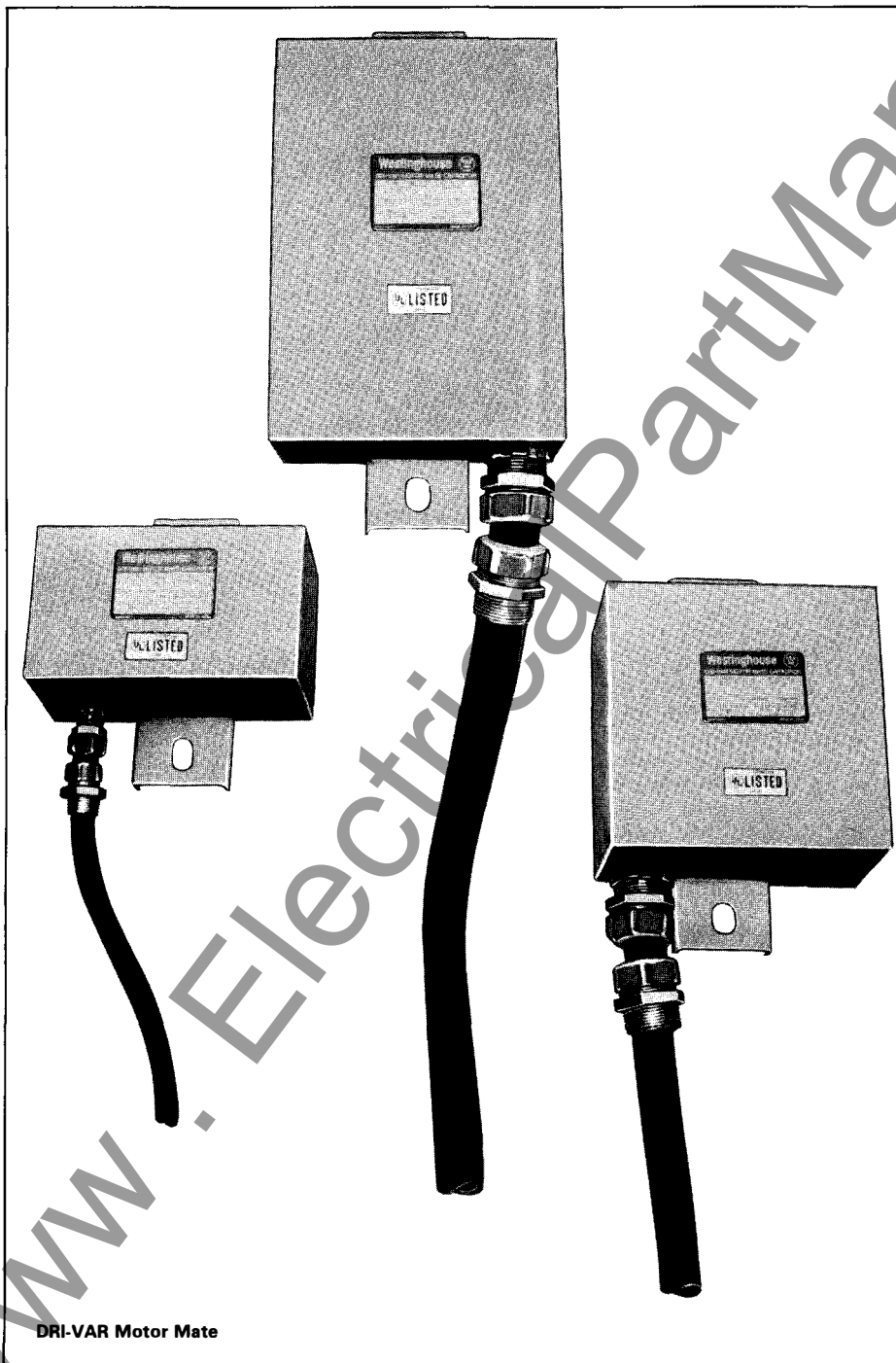
#### Specifications

Capacitor units — Individual capacitor "cells" are self-healing dry metallized polypropylene film dielectric with a surrounding insulation of dry, non-flammable, non-toxic expanded mica (vermiculite). These capacitor "cells" are connected internally to provide a three phase output. The capacitor case (enclosure) is welded aluminum suitable for outdoor weatherproof applications in ambient temperature range of -40C to +46C. Each DRI-VAR Motor Mate three phase capacitor is provided with discharge resistors connected between terminals to reduce the residual voltage to 50 volts or less within one minute of deenergization.

**Customer connections** — A 4 foot long, 4-conductor, integral "pigtail" is provided for customer connection (usually to the load side of motor starter).

**Mounting** — DRI-VAR Motor Mate's have an integral welded pole/wall mounting bracket with two 0.687 inch x 1.000 in slots for customer mounting hardware.

**Testing** — Westinghouse DRI-VAR Motor Mate meets or exceeds all applicable NEMA CP-1 and ANSI/IEEE-18 design and production test requirements for low voltage capacitors. In addition, it has passed the complete UL fault test series, and is UL listed.



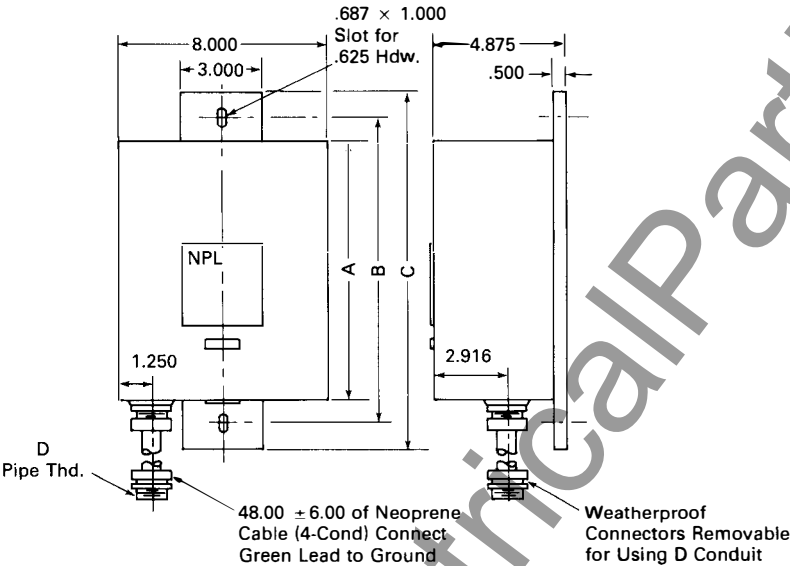
DRI-VAR Motor Mate



**DRI-VAR Motor Mate "Oil Field" Capacitors**

**DRI-VAR Motor Mate  
Selector Guide and Dimensions  
480 Volt 3 Phase, 60 Hz.**

Style Number	KVAR	Dimensions (Inches)				Nt. Wt. (Lbs.)
		A	B	C	D	
IN05482A01	2	4.750	6.750	8.750	0.750	5
IN05482A02	3	4.750	6.750	8.750	0.750	5
IN05482A03	4	4.750	6.750	8.750	0.750	5
IN05482A04	5	4.750	6.750	8.750	0.750	5
IN05482A05	7.5	4.750	6.750	8.750	0.750	5
IN05482A06	10	4.750	6.750	8.750	0.750	5
IN05482A07	15	8.125	10.125	12.125	0.750	9.5
IN05482A08	20	8.125	10.125	12.125	1.250	9.5
IN05482A09	25	11.500	13.500	15.500	1.250	14
IN05482A10	30	11.500	13.500	15.500	1.250	14



For further information, refer to DB 39-215  
and PL 39-210.

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