

Enclosure Options



Open Construction



Screened

Terminal Enclosure & Screens



NEMA I Enclosure

Open Construction:

All 1296D Series POWERSTAT Variable Transformers are available without screens or enclosures. Open construction units are generally used as components which are mounted in the customer's equipment enclosure. To order, include the suffix letter U in the type number after 1296D. For example 1296DU-3Y.

Screened:

One, two and three deck units are offered with screens around the sides of the coil and covers over the motor drives. Screened units are often used mounted inside the customer's equipment enclosure. The screens provide protection for service personnel against accidental contact with the coil of the POWERSTAT unit. The uncovered terminal board allows easy wiring. Note that the ambient temperature rating for a screened unit is 10°C (18°F) less than that of an open construction unit. To order, omit the letter U in the type number. For example 1296D-3Y.

Terminal Enclosure & Screens:

With this option, the single 1296D, two deck 1296D-2S and the three deck 1296D-3Y units are furnished with screens around the sides of the coil, covers over the motor drives and terminal board enclosures. To order, substitute suffix T for the letter U in the type number. For example 1296DT-3Y.

NEMA I Enclosure:

All 1296D Series units can be provided in NEMA I, PBA Series Enclosures. These enclosures have been specifically designed to house open construction (suffix U) type POWERSTAT Variable Transformers. They are constructed of heavy gauge sheet metal and are supplied completely assembled. A full range of knockouts and all required hardware is included.

PBA Series Enclosures are NEMA Type 1 as defined in NEMA Standard ICS 1-110. As such they are designed to protect users against accidental contact with the enclosed POWERSTAT Variable Transformer. They are intended for use indoors in areas where unusual service conditions do not exist.

Enclosures for single through six deck 1296DU Series open construction POWERSTAT units may be ordered as separate field installed items or factory installed. The separate field installed enclosure comes with all required mounting hardware, shaft extensions, etc.

Enclosures for motor-driven 1296DU Series POWERSTAT Variable Transformers with more than six decks are

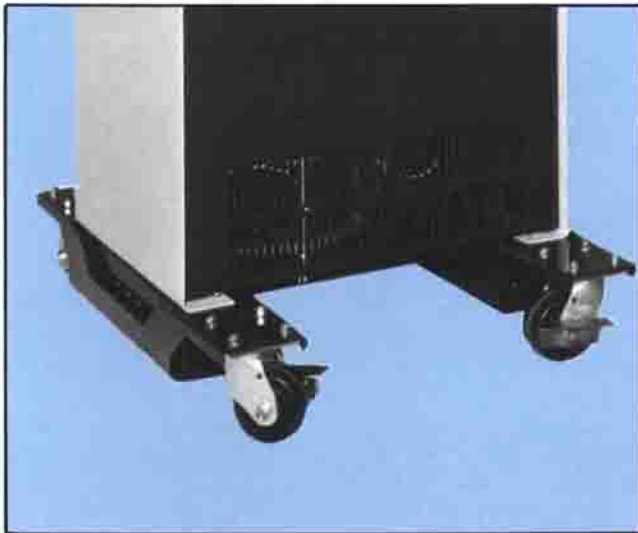
available as factory installed options only. Factory installation is required because of the size of the units and the need to provide fans of the proper size and voltage to prevent heat buildup.

Seven, eight and nine deck manual units are not offered in the NEMA I enclosure. They would fit in the PBA50-N01-F enclosure but the hand wheel on top of the enclosure would be too high to be easily operated. Motorized versions of these units are available in the NEMA I enclosure.

The type numbers of the separate enclosures for the single through six deck POWERSTAT units are shown in the Enclosure Selection Chart. The type numbers for the larger enclosures are not offered as separate items; they are included for reference only. To order a POWERSTAT Variable Transformer installed in an enclosure, substitute suffix N01 for the letter U in the type number. For example 60MB1296DN01-12Y.

All single door, floor mounted enclosures can be fitted with optional Caster Kit 218832-001.

To accommodate special customer requirements, POWERSTAT Variable Transformers can be installed in larger enclosures. The factory invites questions regarding modification of enclosures.



PBA50 Series Enclosure with Caster Kit 218832-001

MANUAL UNITS

Decks	Type Number Of Enclosure Only	Approximate Net Weight Of Enclosure Only	
		Lbs	Kg
1	PBA50-N01-A	100	45
2	PBA50-N01-B	130	59
3	PBA50-N01-C	160	73
4	PBA50-N01-D	190	86
5	PBA50-N01-D	190	86
6	PBA50-N01-E	220	100

MOTORIZED UNITS

Decks/ Configuration	Type Number Of Enclosure Only	Approximate Net Weight Of Enclosure Only	
		Lbs	Kg
1	PBA50-N01-B	130	59
2	PBA50-N01-C	160	73
3	PBA50-N01-D	190	86
4	PBA50-N01-D	190	86
5	PBA50-N01-E	220	100
6	PBA50-N01-E	220	100
7	PBA50-N01-F		
8	PBA50-N01-F		
9	PBA50-N01-F		
10	PBA50-N01-EE		
12 D & PS	PBA50-N01-EE		
12 Y	PBA50-N01-DD		
14	PBA50-N01-FF		
15	PBA50-N01-EE		
16	PBA50-N01-FF		
18 D & PS	PBA50-N01-GG		
18 Y	PBA50-N01-EE		
21	PBA50-N01-FF		
24	PBA50-N01-FF		
27	PBA50-N01-GG		