

VARIACS

(DIMMERSTATS)

(AUTO TRANSFORMERS)

Current Rating (amps)	Single Phase, Input 240V AC, Output 0 to 270V Ac Portable (close) type (desk top models)	Three Phase, Input 415V AC, Output 0 to 1470V Ac Portable (close) type (desk top models)
	Model No.	Model No.
2 amp	V2P1	V2P3
4 amp	V4P1	V4P3
6 amp	V6P1	V6P3
8 amp	V8P1	V8P3
10 amp	V10P1	V10P3
15 amp	V15P1	V15P3
20 amp	V20P1	V20P3
25 amp	V25P1	V25P3
28 amp	V28P1	V28P3

Variacs provide output voltage continuously adjustable from 0 to 270 volts AC for input voltage of 240 volts AC for single phase. For three phase variacs, output voltage is continuously adjustable from 0 to 470 volts AC for input voltage of 415 volts AC.

RUGGED CONSTRUCTION: All components are designed to give maximum life to the variacs. Except for carbon tips, no other part needs any specific maintenance. This practically makes the VARIACS maintenance free.

EXCELLENT REGULATION: The drop in voltage from no load to full load is minimal.

HIGH EFFICIENCY: Careful copper and core selection and design ensure low watt losses.

NO WAVE FORM DISTORTION: Variac provides an output voltage, distortion less replica of the input voltage.

SILVER PLATED COMMUTATOR: Special silver plating technique used on the commutator enables it to withstand high overloads and maintain constant contact drop. It also ensures smooth operation, long life and increased resistance to corrosion.

LOW OPERATING TORQUE: Glass smooth commutator, special sintered bushings for the shaft and perfect assembly of coils, results in low operating torque.

SMOOTH VOLTAGE VARIATIONS: As voltage between turns is small and as the brush-arm is in constant contact with more than one turning, harmful sparking is avoided and output voltage can be set very easily to a fraction of a volt.

VIJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

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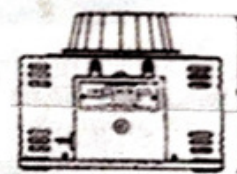
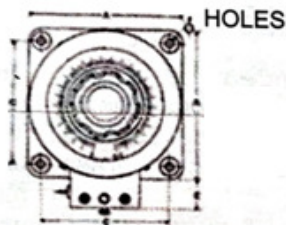
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LOW MAGNETIZING CURRENT:- High quality grain oriented silicon steel ensures minimum iron losses. No load current is less than 5% of the full load current.

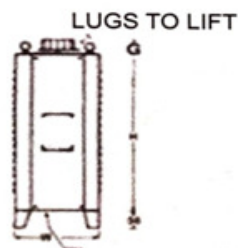
NEGLIGIBLE MAINTENANCE AND TROUBLE-FREE LONG LIFE:

Components needing inspection and maintenance are carbon tips and commutator. Timely replacement of carbon tips and cleaning of the commutator surface of foreign particles and accumulated dust, ensures a considerably long, maintenance-free and uninterrupted life to the variacs.

SINGLE PHASE PORTABLE (CLOSED TYPE)



THREE PHASE PORTABLE (CLOSED) :



KNOB



INPUT & OUTPUT
CABLE ENTRY

Note: There may be any change in specification due to continuous R & D without notice.

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