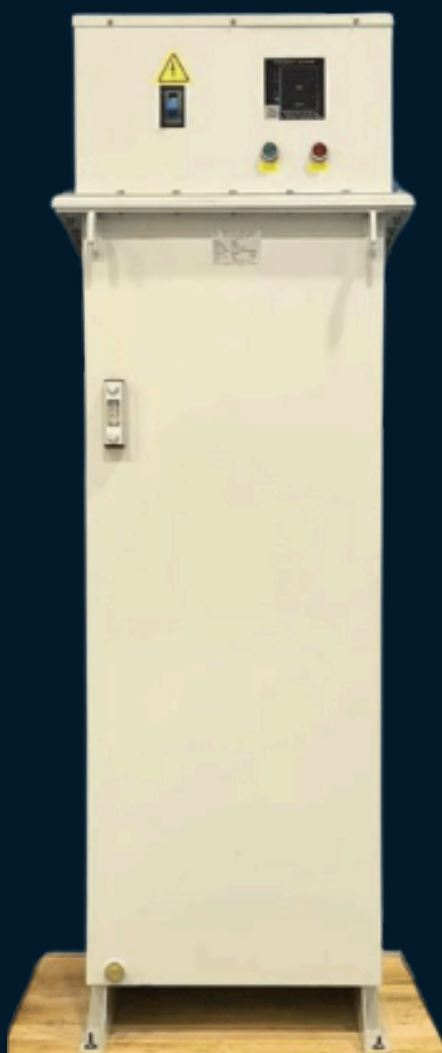


VARIABLE

Single-Phase Oil-Cooled Voltage Variator



VARIABLE

Description

Variable voltage drives, also known as Variacs or Varivolts, are autotransformer devices that provide a variable output voltage based on a fixed input voltage. This drive is sealed, has internal oil cooling, and its variation is achieved by the vertical displacement of the secondary contact brush coupled to an electric motor controlled by interface pushbuttons to increase or decrease the voltage. Its input is protected against short circuits by a molded case circuit breaker, and its interface, in addition to the pushbuttons, displays the input and output voltages of the system on LED displays.

Observations

Attention:

- When operating the equipment, do not press the buttons of go up and lower. The circuit does not have an anti-pumping interlock and may be damaged due to improper use.
- After using the equipment, always set the output voltage to zero, otherwise there is a risk of improper energization, accidental contact, and electric shock from residual voltage.



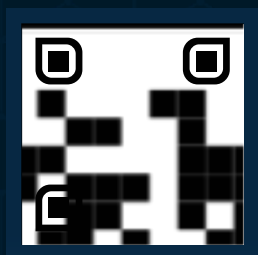
Technical Specifications

Nominal Capacity	50 kVA
Number of Phases	1
Prohibited	1P + N + PE 220V
Output voltage	1P + N + PE 0 ~ 220V
Adjustment precision	±2%
Efficiency	≥ 98%
Frequency	45 ~ 65 Hz (defined by the input)
Conductive material	Copper
Insulation resistance	> 5 MΩ
Isolation level	2500 VAC sinusoidal for 1 minute without flashover or breakdown.
Protection function	Short-circuit protection (Incoming circuit breaker)
Instantaneous overload capacity	2 * Rated current
Display function	Input/output voltage and current in LED
Weight	370 kg

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