

Linear Rolling Contact Type Voltage



Rolling Contact Type Voltage Stabilizer is one powerful boon by the technology that is used to overcome the problems of electricity fluctuation. These are extensively used in various industrial applications and have proved their worth through their extensive performance and quality services.

It is an essential and extremely relevant part of the manufacturing or industrial units that often faces electricity breakdowns/fluctuations. The main mechanism in the Rolling Contact Type Voltage Stabilizer is performed by the carbon rollers. These rollers rotate whenever the other component moves up and down. Due to this continuous movement, the point of contact changes every time, which ensures the durability of the carbon rollers.

The efficiency of these stabilizers is very high. The winding of the stabilizer is done through a copper strip, which allows it to carry a high-capacity current. A high-quality rolling contact type stabilizer is a one-time investment, which lasts for a long period, around 20 years. At Vinitec, we ensure that you receive the best service from the stabilizers we deliver; hence we manufacture them, keeping the high standards in mind.

VERTICAL ROLLING CONTACT VOLTAGE STABILIZER

Technical Specifications-

Technology - Rolling Contact Voltage Stabilizer

Type - Balanced/Unbalanced Input & Balanced/Unbalanced Load

No of Phases - Single/Three Phase

Frequency - 50 Hz. +- 5%

Power Factor - >.95

Capacity - 15 KVA - 50 KVA Single Phase

50-5000 KVA Three Phase

Cooling - Air Natural Oil Natural (ANON)

Air Forced Oil Forced (AFOF)

Input Voltage - 155V-270V,170-270V,195V-270V,205V-270V (Single Phase)

270V-460V,300V-460V,340V-460V,360V-460V (Three Phase)

Output Voltage - 230 V +- 1% (Single Phase)

400 V +- 1% (Three Phase) Or Adjustable

Rate of Correction - 10-15 Volts (Per Second)

Overload Capacity - 125% For 1 Min.

Winding - Pure Electrolyte Copper Strip

Temperature Rise - Ambient + 55C

Insulation Resistance - < 5 Mega Ohms. At 500 V DC

Type Of Installation : Indoor/Outdoor

Electrical Strength : 2000 V for 1Min. without Breakdown and Flash Over

Waveform -Pure Sinusoidal Wave

Response Time - <30ms. Per Volt.

Efficiency : >98%

Display - Analog/Digital

Protections-

Over Voltage & Low Voltage Cut Off

Over Load Cut Off

Short Circuit Protection

Phase Reversal Protecton

Phase Fail Protection

By Pass Arrangement