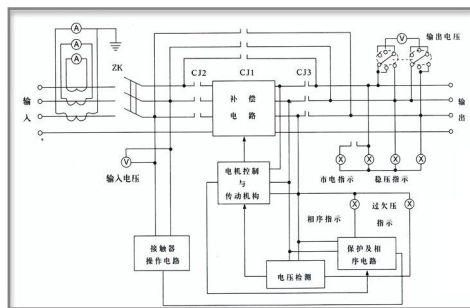


RLS Series Contactless Intelligent Type Voltage Regulator

Product Introduction

RLS series voltage regulator was designed by advanced technology and digital control system to stabilize the output voltage within specific range. The oil immersed voltage stabilizer has the functions of phase failure, phase loss, over voltage and over-current protections; also the circuit has the functions of voltage regulation, no mechanical wearing, no spark, no interference and low failure rate. In addition, the voltage regulator has the advantage of high impact resistance, super strong instantaneous overload capacity and long service life. The capacity is from 100KVA to 2500KVA.



Application

COMMERCIAL: High-rise building, elevator control, large A/C chillers, lighting, and other sensitive critical systems.

INDUSTRIAL: Industrial automation, production lines, CNC, factory robotics, heavy load machinery, precision machinery.

MEDICAL: X-ray, CT scanner, MRI system, Radiation therapy machine, other medical imaging equipments.

TELECOM: Data exchange center, Mobile base stations, control centers and transmission relay stations.

Features

- Auto/Manual operation and manual regulation functions.
- LED display for input voltage, output voltage, output current.
- Digital MCU is controlling output voltage. Voltage precision is adjustable.
- Contactless carbon brush, High Reliability and strong resistance ability to overload.
- Stepless voltage regulation to stabilize output voltage.
- Good adaptability to variant loads and ambient.

Technical Parameters:

Capacity Range	100~2500kVA	Frequency	50HZ	Resistance Power	2000V/60S < 20mA
Input Voltage	380V/400V ±15 % ±20 % ± 30 %	Response Time	< 0.5s	Insulation Resistance	> 5MΩ
Output Voltage	380V/400V	Efficiency	> 98 %	Ambient Temperature	-10℃~ +40℃
Voltage Regulation Accuracy	1%~5 % (Settable)	Waveform Distortions	< 3 %	Relative Humidity	< 95%
Temperature Rise	≤55℃	Noise	< 65dB	Altitude	< 1000m

Specifications:

Model	Capacity (kVA)	Number of phase	Output voltage (V)	Rated current (A)	Frequency (Hz)	Size (mm) (L* W *H)	Weight (kg)
RLS-100	100	3	380V/400V ±1%~±5% Settable	152	50Hz 60Hz	880*630*1560	420
RLS-150	150			228		1100*860*1750	580
RLS-200	200			304		1100*940*1750	690
RLS-250	250			380		1100*1020*1750	760
RLS-300	300			456		1170*930*1900	1200
RLS-400	400			608		1170*1010*1900	1450
RLS-500	500			760		1170*1090*1900	1550
RLS-600	600			912		1170*1170*1900	1700
RLS-800	800			1215		1400*1250*2180	2100
RLS-1000	1000			1519		1400*1400*2180	2400
RLS-1250	1250			1899		1630*1630*2400	3600
RLS-1600	1600			2431		1790*1790*2400	3800
RLS-2000	2000			3039		2020*1800*2400	4300
RLS-2500	2500			3800		2100*2000*2400	4600

Above Size and Weight for reference only