

# Servo Voltage Stabilizers Series

E24™

P240E



## Precision Servo Voltage Stabilizers for Sensitive Applications

The Servo Voltage Stabilizer Series SVC can be widely used in areas, where the main voltage often comes across sharp fluctuations or sharp seasonal variations. It is conceived to provide stable voltage output when input voltage varies. The SVC series is capable of keeping the output voltage stable under wide input voltage swings.

The SVC series is ideal for office, home, industrial and telecom applications where precise voltage is needed. The SVC Series is robust and fully protected against overloads and overtemperature.

# Technical Specifications

	SVS1-2KI	SVS1-5KI	SVS1-10KI	SVS1-15KI	SVS1-20KI	SVS1-30KI
Number of Phases	1					
Range of input voltage (Vac)	150-250					
Output Voltage (Vac)	220					
Accuracy of voltage stabilization (%)	$\leq \pm 3$					
Over-voltage protection value (Vac)	Phase voltage $246 \pm 4$					
Under-voltage protection value (Vac)	Phase voltage $184 \pm 4$					
	Usually, under-voltage protection is not provided, but it can be set at request.					
Frequency (Hz)	50/60					
Waveform distortion	No additional waveform distortion					
Load power factor	0.8					
Efficiency (%)	$\geq 90$					
Adjustable time (s)	$< 1.5s$ (when input voltage has a change of 10%)					
Delay time	Long time delay: $5 \pm 2min$ ; short time delay: $5 \pm 2s$					
	Usually, under-voltage protection is not provided, but it can be set at request.					
Ingress protection of enclosure	IP20					
Insulation and thermal endurance class	Class B					
Electrical strength (V/min)	No flashover or breakdown when at $> 2000V/min$					
Insulation resistance (M $\Omega$ )	$\geq 5$					
Operating Ambient Temperature (°C)	-15 to +50					

# Ordering Information

<b>Ref Number</b>	<b>Description</b>
SVS1-2KI	Servo Voltage Stabilizer, Single Phase, 2KVA, 220V, 50/60Hz
SVS1-5KI	Servo Voltage Stabilizer, Single Phase, 5KVA, 220V, 50/60Hz
SVS1-10KI	Servo Voltage Stabilizer, Single Phase, 10KVA, 220V, 50/60Hz
SVS1-15KI	Servo Voltage Stabilizer, Single Phase, 15KVA, 220V, 50/60Hz
SVS1-20KI	Servo Voltage Stabilizer, Single Phase, 20KVA, 220V, 50/60Hz
SVS1-30KI	Servo Voltage Stabilizer, Single Phase, 30KVA, 220V, 50/60Hz

**E24**®

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ISO 9001:2015



QUALITY STANDARD

