

CT- Series (Automatic Voltage Regulator/Stabiliser) - Toroidal Transformer (CT)

SPECIFICATION:							
Model	Capacity (KVA)	Input Voltage (VAC)	Output Voltage(VAC)	Rated Current (A)	Dimension SVC W x D x H (mm)	Dimension SKR W x D x H (mm)	Approx. Weight (Kg)
SVC500	500VA	+/- 20% 220 VAC 230 VAC 240 VAC	+/- 1.5% 220 VAC 230 VAC 240 VAC	2.17	195 x 180 x 140	200 x 180 x 150	4.8
SVC1000	1KVA			4.34	210 x 200 x 150	170 x 270 x 200	6.6
SVC2000	2KVA			8.69	230 x 250 x 230	180 x 300 x 220	12.3
SVC3000	3KVA			13.04	230 x 250 x 230	250 x 310 x 230	13.5
SVC5000	5KVA			21.73	230 x 310 x 240	250 x 410 x 340	20
SVC10K	10KVA			43.47	300 x 520 x 240	330 x 420 x 440	38.2
SVC20K	20KVA			86.95	360 x 530 x 300	380 x 500 x 550	55
TNS3K	3KVA	+/- 20% 380 VAC 400 VAC 415 VAC	+/- 1.5% 380 VAC 400 VAC 415 VAC	4.17	460 x 310 x 450		23
TNS6K	6KVA			8.34	360 x 340 x 830		40
TNS10K	10KVA			13.90	360 x 340 x 830		46
TNS20K	20KVA			27.81	460 x 420 x 910		90
TNS30K	30KVA			41.72	460 x 480 x 1030		130
TNS40K	40KVA			55.63	690 x 650 x 1290		182
GENERAL TECHNICAL SPECIFICATION							
Type		Vertical Transformer (VT) – Servo Motor Control					
Input	Voltage Range	SVC-220/230/240VAC +/- 20 % OR TNS-380/400/415VAC 3Ø +/- 20 %					
	Frequency Range	50Hz / 60Hz					
	Phase	SVC - Single Phase + Neutral + GND / TNS - Three Phase + Neutral + GND					
Output	Voltage range	SVC-220/230/240VAC 1Ø +/-1.5% OR TNS-380/400/415VAC 3Ø +/- 1.5 % (Adjustable Voltage By Preset)					
	Frequency range	Synchronized with the supply frequency (Line Mode), 50/60Hz					
	Power factor	0.95					
	Wave Form	Sinusoidal Pure Sine Wave / No Distortion					
	Phase	SVC - Single Phase + Neutral + GND / TNS - Three Phase + Neutral + GND					
	Overload capacity	110% - 30s, 150% - 5s					
Display	SVC / TNS	Analogue I/P & O/P Voltage and Current Meter, LED–Over/Under Voltage & Power					
	SKR / TNR	Digital I/P & O/P Voltage and Current Load Meter, LED–Over/Under Voltage, Delay & Power					
Protection	SVC	Short Circuit, Surge, Over Load					
	TNS	Over Voltage 426VAC, Low Voltage 320VAC, Short Circuit, Surge, Over Load, Delay					
Control	SVC	Power ON / OFF Switch or MCB, Adjustable Voltage Preset					
	TNS	Power ON / OFF - Static Contactor Switch, Display Voltage Selector Switch, Emergency Stop, Adjustable Voltage Preset					
Response Time		50-70ms / Volt					
Insulation Resistance		> 1M					
Features		Auto Self Starting after Power Failure					
Electrical Strength		1000V Power frequency for 60Seconds without breakdown and flash over					
Efficiency		> 95%					
Environment	Temperature	0 – 45°C					
	Humidity	10% - 90% (No Condensation)					
	Audible Noise	45dB - 55dB at 1Meter					
* For Custom Made SVC/TNS, Specification, Size & Weight will be Changed or as User request as possible.							

* Specifications subject to change without prior notice

Note : Isolation Transformer is Available Upon Request