

FULL AUTOMATIC AC SERVO VOLTAGE STABILIZER

SRV 330100 SERIE



THREE-PHASE 100KVA	
Nominal Input Voltage(V)	245/430V
Input Voltage Range(%)	-50 +10%
Output Voltage(V)	380V
Output Voltage Accuracy(%)	±1
Frequency(Hz)	50-60 ±5%
Rated Power(Continuous Duty)	100 KVA
Rated Output Current(A)/ Rated Input Current(A)	1/1
Power Factor(PF)	0.8
Admitted Load Variation	10 Sec.200% Load
Correction Speed	90 Volt/Sec.
Response Time(Milliseconds)	<1,5
Harmonic Distortion(%) / Distorsion harmonique	None Introduced
Mechanical By-Pass /Bypassmécanique	Manually Controlled Line(Selectable CB)/Autobypass(Optional)
Documents /Certifications	CE/ ISO 9001:2015/TSE 60335-1/1-A11
Full Load Efficiency/ Efficacité à pleine charge	Aprox.>95%
Cooling /Refroidissement	Automatic Fan System
Ambient Temperature / Température ambiante	-10°C +50°C
Storage Temperature / Température de stockage produit	-25°C +60°C

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Relative Humidity / Humidité relative	Max. 95% (Non Condensing)
Acoustic Noise / Bruit acoustique	<35dbm

*Phase to phase,4 Wire (3P+N)

INDOOR TYPE		Accessories	
Protection Degree	IP 20	Load protection against over / undervoltage	☒
Terminal Board	Internal DIN	Manual by-pass line	☒
Box Dimension(WxDxH)mm	185x210x214	Auto by-pass line*	☐
Weight(kg)	Approx.3450	Insulation transformer(Input,Output)*	☐
Color	RAL 9005 (Black)	SPD surge arrester(Class I,Class II,Class III)*	☒
Winding Material	Aluminium	RS-485(Modbus TCP/IP protocol)*OPTIONAL	☐
Connection Material	Busbar(Alu)- Cable (Alu)	IP 54 protection degree for indoor and outdoor installation*	☐
-Voltage control and stabilisation,performed on the true Rms value,are managed by the digital microprocessor, - The output voltage regulation performed independently on each phase, - The instrumentation consist of a multi task digital power meter, such instrument is able to provide with information regarding the voltage stabilizer output parameter,such as phase and linked voltage,current,power factor,active power,apparent power etc. - The alarms(min/max output voltage,regulator overload) are recognizable by means of Powermeter error code on the control card.		Neutral Point Reactor*	☐
		By-pass kit	
		By-pass switch	☒
		MCCB(Molded Case Circuit Breaker)*	☐
		ACB(Air Circuit Breaker) without motor*	☐
		ACB(Air Circuit Breaker) with motor*	☐
		Measurement	
		Input Digital Multimeter(Voltage,Current,Frequency,Power Etc.)*	☐
		Output Digital Multimeter(Voltage,Current,Frequency,Power Etc.)	☒
		Energy Analyzer(Voltage,Current Harmonics ,Power Etc.)*	☒
			

*SINGLE LINE DIAGRAM

