

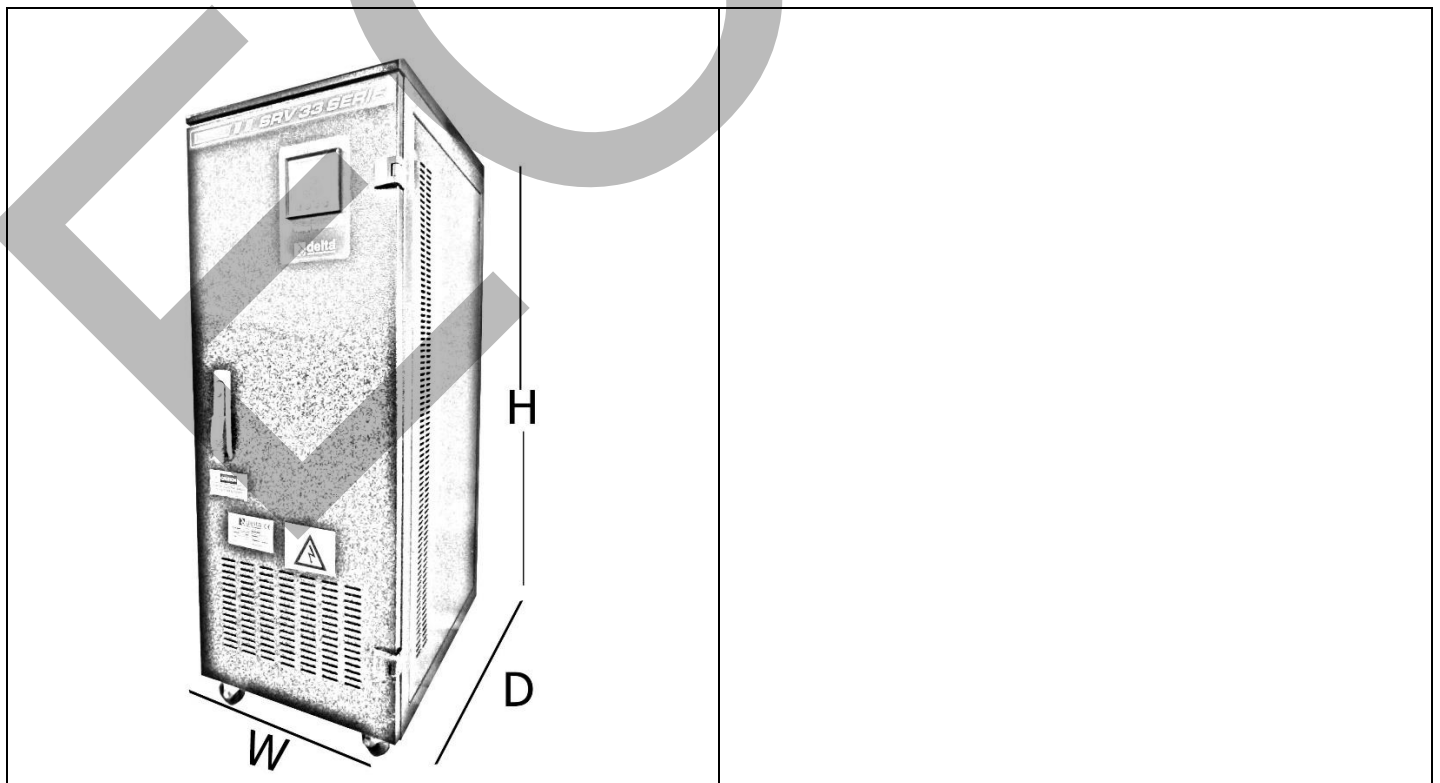
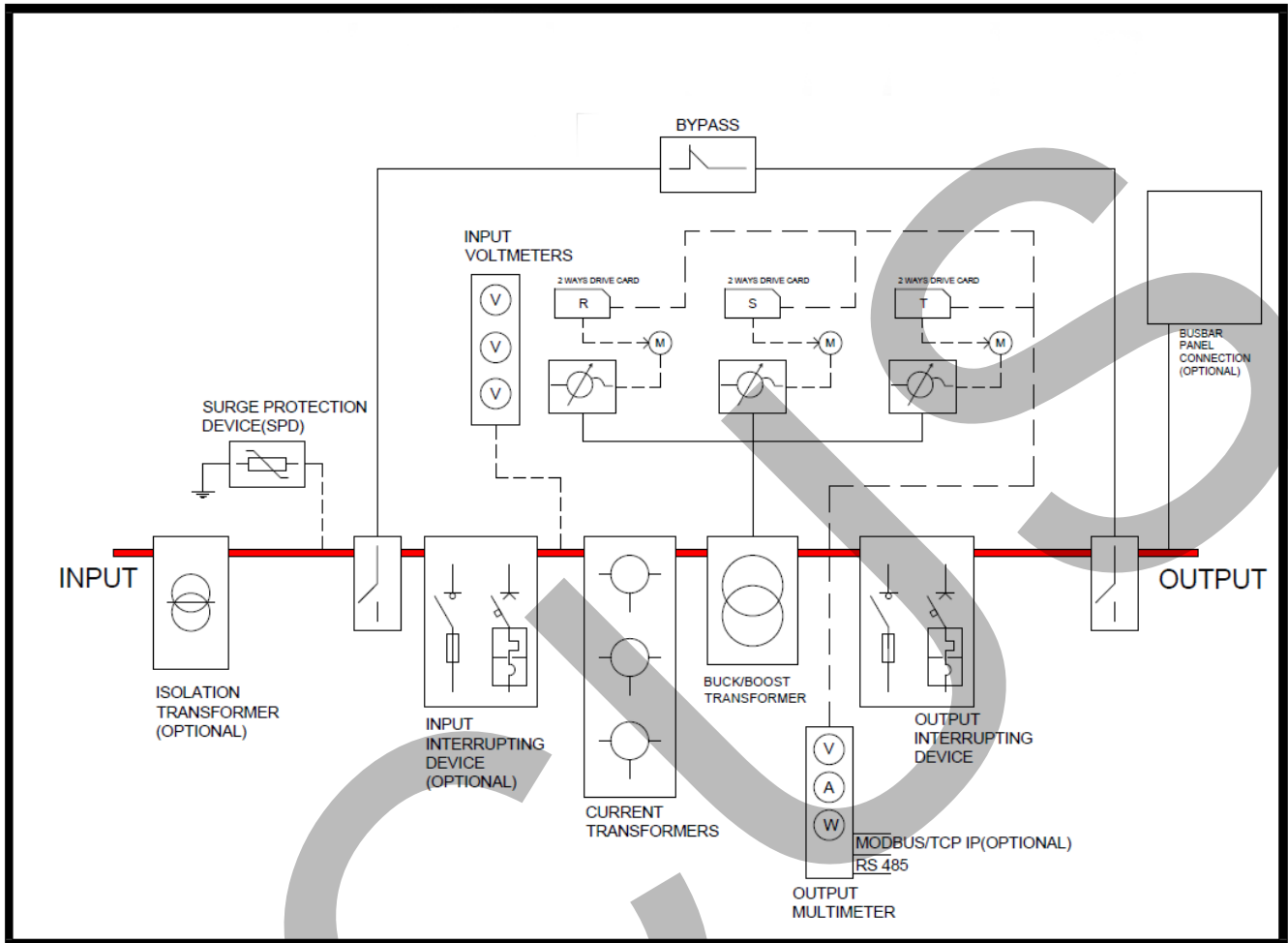
**FULL AUTOMATIC AC SERVO VOLTAGE STABILIZER**
**SRV 330100**

THREE-PHASE 100 KVA	
Technology of AVR	Servo Motor Control
Nominal Input Voltage(Vac)	380*
Input Voltage Range(%)	±25**
Output Voltage(Vac)	380*
Output Voltage Accuracy(%)	±1
Frequency(Hz)	50±5%
Rated Power(Continuous Duty)	100 KVA
Rated Output Current(A)/ Rated Input Current(A)	121/162
Power Factor(PF)	0,8
Admitted Load Variation*	10 Sec.200% Load/2 min.150 %Load
Admitted Load Unbalance	Up to 100%
Correction Speed	12 ms/V
Response Time(Miliseconds)	<1,5
Wave Form Distortion	Less than 1%
Max Failure Range	<±1%
Harmonic Distortion(%)	None Introduced
Mechanical By-Pass	Manually Controlled Line(Selectable CB)/Autobypass(Optional)
Documents(QMS/STD.)	CE/ ISO 9001:2015/TSE 60335-1/1-A11
Full Load Efficiency	>98%
Cooling	Automatic Fan System
Ambient Temperature	-10°C +60°C
Storage Temperature	-25°C +60°C
Relative Humidity	Max. 95% (Non Condensing)
Acoustic Noise	<35dbm

\*Phase to phase,4 Wire (3P+N)-Output Voltage RMS Stabilized,\*\*From 285 Vac to 475 Vac,\*0 to 100%

Indoor <input checked="" type="checkbox"/>	Outdoor <input type="checkbox"/>	Accessories					
Protection Degree	IP 20	Load protection against over / undervoltage	<input checked="" type="checkbox"/>				
Terminal Board	Internal DIN	Manual by-pass line	<input checked="" type="checkbox"/>				
Box Dimension((WxDxH)mm)	800x800x2000	Auto by-pass line*	<input type="checkbox"/>				
Cabinet No	-	Insulation Transformer(Input) <input type="checkbox"/>	Insulation Transformer(Output) <input type="checkbox"/>				
Weight(kg)	Approx.603	SPD surge arrestor	<input checked="" type="checkbox"/>				
Color(RAL)	<input checked="" type="checkbox"/> 9005 <input type="checkbox"/> 7015 <input type="checkbox"/> 7035	EMI Filter <input type="checkbox"/>	RFI Filter <input type="checkbox"/>				
Winding Material	Aluminum/Copper	IP 54 protection degree for indoor and outdoor installation*	<input type="checkbox"/>				
Connection Material	(Aluminum/Copper)	Neutral Point Reactor*	<input type="checkbox"/>				
-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. -It is also possible to communicate with the stabiliser with the RS-485(Modbus TCP/IP protocol.)(Optional)							
				<b>By-pass kit</b>			
				By-pass switch			<input checked="" type="checkbox"/>
				MCB Input <input type="checkbox"/>	MCB Output <input type="checkbox"/>	MCCB Input <input checked="" type="checkbox"/>	MCCB Output <input checked="" type="checkbox"/>
				ACB(Air Circuit Breaker) without motor*			<input type="checkbox"/>
ACB(Air Circuit Breaker) with motor*			<input type="checkbox"/>				
<b>Measurement</b>							
Input Digital Multimeter(Voltage,Current,Frequency,Power Etc.)*			<input type="checkbox"/>				
Output Digital Multimeter(Voltage,Current,Frequency,Power Etc.)			<input checked="" type="checkbox"/>				
Energy Analyzer(Voltage,Current Harmonics ,Power Etc.)*			<input type="checkbox"/>				
Regulator Monitoring Device (Touch Screen,5 'inch)(Temperature,Load%,Phase Sequence,Harmonic(A,V),Error Logging)*			<input type="checkbox"/>				
<b>Remote Control</b>							
Remote Control Modul –Modbus TCP/IP Control*			<input type="checkbox"/>				
*Optional							

SINGLE LINE DIAGRAM\*\*



\*\*Working principle of an electro-mechanical digital voltage stabilizer