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Technical Specifications 3ph I/P – 3ph O/P Servo Control Voltage Stabilizer

SPECIFICATION	SINGLE PHASE	THREE PHASE
INPUT		
Capacity	1KVA TO 15KVA	5KVA TO 100KVA
Nominal input voltage	230 V AC Single Phase	415 V AC Three Phase
Normal operating Voltage	170- 270 V AC Single Phase (or as per requirement)	360-460 V AC Three Phase (or as per requirement)
Relaxed operating voltage	160-300V for liberal regulation within rated input current capacitor	
Operating Frequency	47 – 53 Hz	47 – 53 Hz
Input circuit breaker	Provided (with limited inrush current capability)	Provided (with limited inrush current capability)
Ac connection	Terminal block (Lin ,Nin and ground wires) provided	Terminal block (L1in,L2in,L3in ,Nin and ground wires) provided
OUTPUT		
Nominal output voltage	230 V AC Single Phase	415 AC Three Phase
Output Voltage Adjustable	220 – 240 V AC in Single Phase	380 – 415 V AC in Three Phase
Output Voltage Regulation	230± 1 %	415± 1 %
Automatic bypass	Automatic bypass activates in case of of a fault condition	Automatic bypass activates in case of of a fault condition
Output Waveform	True Reproduction of Input	True Reproduction of Input
Ac connection	Terminal block (Lo ,No and ground wires) provided	Terminal block (R,Y,B ,Nin and ground wires) provided
Panel Indications	Input – On Output –On Input – Low Output -high Trip	Input – On Output –On Input – Low Output -high Trip
Panel Meters	Voltmeter with Selector Switch to read Input / Output Voltages Ammeter with Selector Switch (From 15 KVA 3 Phase onwards)	Voltmeter with Selector Switch to read Input / Output Voltages Ammeter with Selector Switch (From 15 KVA 3 Phase onwards)
Mode of system	Fully automatic / manual	Fully automatic / manual
Protections	Low voltage protection High voltage protection Overload protection with MCB / MCCB Short Circuit protection Single Phasing preventer	Low voltage protection High voltage protection Overload protection with MCB / MCCB Short Circuit protection Single Phasing preventer
ENVIRONMENT		
Ambient Temperature	0°C to 45°C	0°C to 45°C
Cabinet cooling method	Air	Air/oil
Relative Humidity	90% Rh Max. Non condensing at 35°C	90% Rh Max. Non condensing at 35°C
SAFETY		
PHYSICAL(W*H*L)		
Warranty		