

เครื่องควบคุมแรงดันไฟฟ้า Automatic Voltage Stabilizer/AVR

Model : SRM Series 3 Phase

Product type : SERVO SYSTEM AVR

Power Rating : 6kVA~750kVA

SRM-Series เครื่องรุ่นใหญ่ ทำงานด้วย ระบบ Servo motor ควบคุมกับหม้อแปลง Buck/Boost จึงมีประสิทธิภาพและเสถียรภาพการทำงานสูงเหมาะสำหรับกิจขนาดกลางไปจนถึงโรงงานอุตสาหกรรมขนาดใหญ่



Ideal applications :

1. Computer&Computer peripherals
2. TV&Radio broadcasting stations
3. Electronics&Medical equipment
4. Military research&Defense weapons
5. Medical monitoring system
6. Auto testing equipment
7. Process control system
8. Safe guard system
9. Lab instrument
10. OA equipment
11. Video&Audio
12. CAD/CAM
13. Generator
14. Elevator
15. Production line
16. CNC machinery
17. SMT machinery



Technical Specifications:

REGULATION SYSTEM :			
VOLTAGE REGULATION SYSTEM	MICROPROCESSOR CONTROLLED SERVO SYSTEM		
INPUT VOLTAGE RANGE (OPERATION)	380, 400V, +/-20%(Option 200, 220V)		
INPUT FREQUENCY	40 - 75 Hz		
OUTPUT VOLTAGE REGULATION	380, 400VAC +/-1% (Option 200, 220V)		
OUTPUT WAVE FORM	Sine wave (Synchronize with input wave form)		
OUTPUT WAVE FORM DISTORTION	Less than < 0.5		
RESPONSE TIME	0.1 - 1 sec		
NOISE ATTENUATION SYSTEM :			
SPIKE TRANSIENT PROTECTION	Metal Oxide Varistor		
RFI PROTECTION	Toroidal coil and HF filter device		
TRANSVERSE MODE NOISE REJECTION	Greater than 60 dB		
COMMON MODE NOISE REJECTION	Greater than 60 dB for line conditioners		
PROTECTION SYSTEM :			
SURGE PROTECTION	Automatic shutdown		
LIGHTNING PROTECTION	Lightning arrester		
OVERLOAD PROTECTION	Circuit breaker		
AUTOMATIC SHUTDOWN	- Output voltage out of limits (More than +/-10%) - AC voltage flicker - Phase fault - Power semiconductor failure - Power failure or interruption		
FEATURE :			
TRANSFORMER	Auto transformer and buck/boost transformer		
POWER FACTOR	0.9 - 1 leading to lagging		
EFFICIENCY	98% at full load		
OVERLOAD CAPACITY	1000% for 2 sec, 300% for 1 mins.		
RESET SWITCH	Manual reset switch		
MANUAL SWITCH	Manual bypass switch		
INDICATOR	Digital output voltage and output ampmeter		
OPERATING TEMPERATURE	0 - 50 C		
RELATIVE HUMIDITY	0 - 95%		
INPUT/OUTPUT CONNECTOR	Terminal lead		
MODEL	OUTPUT (POWER)	N. WEIGHT (kg)	MEASUREMENT (mm) HxWxD
SRM - 6KVA	6	125	300 x 700 x 1020
SRM - 10KVA	10	135	300 x 700 x 1020
SRM - 15KVA	15	150	300 x 700 x 1020
SRM - 20KVA	20	160	300 x 700 x 1020
SRM - 30KVA	30	180	300 x 700 x 1020
SRM - 45KVA	45	230	380 x 750 x 1120
SRM - 60KVA	60	245	380 x 750 x 1120
SRM - 75KVA	75	335	400 x 780 x 1220
SRM - 100KVA	100	390	400 x 780 x 1220
SRM - 120KVA	120	425	450 x 930 x 1420
SRM - 150KVA	150	455	450 x 930 x 1420
SRM - 200KVA	200	495	520 x 980 x 1520
SRM - 250KVA	250	600	520 x 980 x 1520
SRM - 300KVA	300	750	600 x 1380 x 1720
SRM - 350KVA	350	800	600 x 1380 x 1720
SRM - 400KVA	400	895	600 x 1380 x 1720
SRM - 500KVA	500	1080	720 x 1580 x 1860
SRM - 600KVA	600	1160	720 x 1580 x 1860
SRM - 750KVA	750	1585	900 x 1080 x 1860 (2 cases)