

# Automatic Voltage Stabilizer/Line Conditioner

## SPECIFICATION

## THREE PHASE SYSTEM

MODEL		SR-380X SERIES	
<b>VOLTAGE STABILIZATION SYSTEM</b>		AUTOMATIC TAP CHANGE BY STATIC ELECTRONIC SYSTEM	
<b>TECHNOLOGY</b>		DIGITAL CONTROL SYSTEM	
RESPONSE TIME		MAXIMUM 10 ms (1/100 sec) AT ZERO VOLTAGE CROSSING	
TRANSFORMER	DOUBLE OPERATION	TAPPING TRANSFORMER AND SERIES BOOST-BUCK TRANSFORMER	
<b>ELECTRICAL SYSTEM</b>			
3 PHASE 4 WIRE AND GROUND	VOLTAGE	380/220 OR 400/230 OR 415/240 VOLT (L-L / L-N)	
3 PHASE 3 WIRE AND GROUND		200 OR 220 VOLT (L-L)	
<b>INPUT</b>			
REGULATION		+15% TO -20% (±15% FOR OUTPUT REGULATION ±1% )	
FREQUENCY		50 Hz	
WAVE FORM		SINE WAVE	
<b>OUTPUT</b>			
REGULATION		±5%, ±2.5%, ±1.5%, ±1%	
FREQUENCY		50Hz (SAME AS INPUT FREQUENCY)	
WAVE FORM		SINE WAVE (SYNCHRONIZE WITH INPUT WAVE FORM)	
DELAY TIME AFTER RESET		5 sec	
<b>LINE CONDITIONER</b>			
TRANSIENT VOLTAGE AND SURGE SUPPRESSION		VARISTOR	
HIGH SURGE AND LIGHTNING PROTECTION		GAS ARRESTER	
RFI AND EMI FILTER		X2 CAPACITOR, Y2 CAPACITOR, POWER CAPACITOR AND TOROIDAL COIL (TOROIDAL COIL EXCEPT MORE POWER RATE UP 90 kVA)	
<b>PROTECTION SYSTEM</b>			
SAFETY DIAGNOSIS AND RESET PROTECTION	HIGH INPUT VOLTAGE	MORE THAN +15%	
	LOW INPUT VOLTAGE	LESS THAN -20% (-15% FOR OUTPUT REGULATION ±1%)	
SPIKE AND SURGE PROTECTION	SHUTDOWN	SPIKE FUSE	
OVER LOAD AND OUTPUT SHORT CIRCUIT		CIRCUIT BREAKER	
SURGE PROTECTION WHEN ELECTRICITY RESTORE SUDDENLY	AUTOMATIC SHUTDOWN AND ALARM	RESET SYSTEM	
PHASE FAULT PROTECTION		±10%	
OUTPUT VOLTAGE LIMIT		WHEN INPUT VOLTAGE WAS CONTINUED FLUCTUATION	
VOLTAGE FLUCTUATION		50 Hz ± 4% (48-52 Hz)	
FREQUENCY ERROR		WHEN SYSTEM ERROR OR THE DEVICES LEAK OR FAULT	
OPERATION SYSTEM DIAGNOSIS			
<b>DISPLAY</b>			
INPUT	VOLT METER AND LAMPS IN EACH PHASE		
OUTPUT	VOLT METER, AMP METER AND RESET LAMP		
SELECTOR SYSTEM	ELECTRONIC SELECTOR CONTROL		
SELECTOR DISPLAY	LED INDICATOR		
<b>GENERAL</b>			
OPERATION ON/OFF	CIRCUIT BREAKER AND RESET SWITCH		
RESET SYSTEM	MANUAL RESET AND AUTO RESET		
ALARM SYSTEM	AUDIBLE ALARM		
BY-PASS SYSTEM, TRANSFER SYSTEM WHEN NEED TO SUPPLY ELECTRICITY FROM MDB WITHOUT PASS STABILIZER	TRANSFER DIRECTLY TO MAIN LINE BY MAGNETIC CONTACTOR THAT CONTROL WITH 2 BUTTONS SWITCH, SEPARATE TO TURN ON/OFF AND CAN PROTECT TRANSFERENCE WHILE STABILIZER IS OPERATING		
BY-PASS OPERATION, PROTECTION SYSTEM WHILE USING ELECTRICITY DIRECTLY WITHOUT PASS STABILIZER	AUTOMATIC SHUTDOWN WHEN BLACKOUT AND RESTORE SUDDENLY (SURGE VOLTAGE)		
INTERNAL AND EXTERNAL CONNECTIONS DEVICE	TERMINAL BLOCK		
<b>PHISICAL</b>			
AMBIENT TEMPERATURE	0~50 °C		
RELATIVE HUMIDITY	0~95%		

### DIMENSION (WxHxD) CM.

MODEL	SR-3802	SR-3803	SR-3804	SR-3805	SR-3806	SR-3807	SR-3807B	SR-3807C	SR-3808	SR-3808B	SR-3808C
	37x85x69	54x94x81	54x116x62	54x152x62	64x152x76	74x172x76	144x172x76	214x172x76	74x172x92	144x172x92	214x172x92

Specifications are subject to change without prior notice. This item can change by customer's requirement.

NUMBER: CTSR-380X SERIES EN1

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