



## SERVO CONTROLLED VOLTAGE STABILIZER (SCVS) SINGLE PHASE

### FEATURES AND BENEFITS

- EASY TO INSTALL AND OPERATE
- LOW MAINTENANCE COST
- SLEEK, COMPACT AND ELEGANT DESIGN
- WIDE INPUT VOLTAGE RANGE
- SETTABLE OUTPUT VOLTAGE
- OVERLOAD PROTECTION AT INPUT SIDE
- OUTPUT OVER VOLTAGE AND UNDER VOLTAGE PROTECTION
- TRIP TIME DELAY, CUT OFF SETTING ARE ADJUSTABLE
- LED PANEL DISPLAY FOR INDICATION
- AUTO START CONTROL
- PROTECTS THE EQUIPMENT OR ELECTRONIC APPLIANCES AGAINST VOLTAGE FLUCTUATION

## SERVO CONTROLLED VOLTAGE STABILIZERS - SINGLE PHASE

|                                                       |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAPACITY                                              | 1 -25KVA                                                                                                                                                                                                                                                              |
| INPUT VOLTAGE RANGE*                                  | A) RANGE 1: 150VAC-300VAC    B) RANGE 2 : 170VAC-270VAC                                                                                                                                                                                                               |
| OUTPUT VOLTAGE                                        | 230VAC +/- 1%                                                                                                                                                                                                                                                         |
| INPUT FREQUENCY                                       | 47-53HZ                                                                                                                                                                                                                                                               |
| CONTROL TYPE                                          | SOLID STATE                                                                                                                                                                                                                                                           |
| CORRECTION SPEED*                                     | 35V PER SECOND                                                                                                                                                                                                                                                        |
| RESET                                                 | AUTO RESET WITH TIME DELAY                                                                                                                                                                                                                                            |
| PROTECTIONS                                           | A) ELECTRONIC OVER & UNDER VOLTAGE TRIP WITH TIME DELAY FOR OUTPUT<br>B) OUTPUT OVERLOAD PROTECTION AND SHORT CIRCUIT PROTECTION THROUGH INPUT<br>MCB UP TO 15KVA. ABOVE 7.5KVA ADDITIONAL ELECTRONIC OVERLOAD PROTECTION<br>C) INPUT OVER VOLTAGE TRANSIT PROTECTION |
| METERING DIGITAL TYPE                                 | A ) INPUT PHASE TO NEUTRAL      B) OUTPUT PHASE TO NEUTRAL                                                                                                                                                                                                            |
| NATURE OF COOLING                                     | NATURAL AIR COOLED UPTO 20 KVA                                                                                                                                                                                                                                        |
| EFFECT OF POWER FACTOR                                | NIL                                                                                                                                                                                                                                                                   |
| WAVEFORM DISTORTION                                   | NIL                                                                                                                                                                                                                                                                   |
| EFFICIENCY                                            | > 97%                                                                                                                                                                                                                                                                 |
| CABINET COLOUR                                        | LIGHT GREY                                                                                                                                                                                                                                                            |
| PROVISION OF CABLING*                                 | INPUT AND OUTPUT TERMINATIONS ON BACK SIDE                                                                                                                                                                                                                            |
| SERVO MOTOR DRIVE                                     | RUGGED AC STEP SYNCHRONOUS MOTOR                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE                                 | 0 TO 45° C                                                                                                                                                                                                                                                            |
|                                                       |                                                                                                                                                                                                                                                                       |
| RANGE CAN BE CUSTOMIZED BASED ON CUSTOMER REQUIREMENT |                                                                                                                                                                                                                                                                       |

\*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

