

## THREE PHASE STABILISERS type BST-T

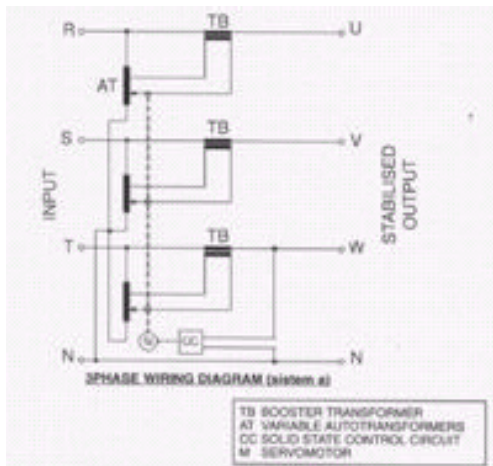


### RATINGS

Input Voltage: 3x400V (others upon request)  
Input regulation. +/- 15% (+/- 20% and others upon request)  
Frequency.48-63 Hz  
Output Voltage: 3x400V +/- 1,5%  
Response time: 70V/sec  
Full load efficiency. 97-98%  
Services: continuous with 40

### PROTECTION CASE

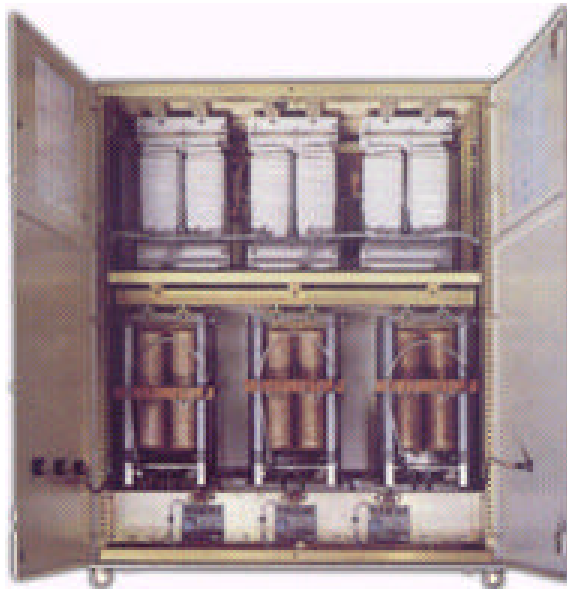
The stabilisers is set in a IP21 case. Heavy steel case with side panel and safety lock on the front door (see Fig.5-6).



## PRODUCT RANGE

| MODEL     | OUTPUT POWER KVA | INPUT VOLTAGE VARIATION | OUTPUT VOLTAGE   | OUTPUT CURRENT AMPS |
|-----------|------------------|-------------------------|------------------|---------------------|
| BST-T 3   | 3                | 3X 400V +/-15%          | 3X 400V<br>+/-1% | 4,3                 |
| BST-T 5   | 5                | 3X 400V +/-15%          |                  | 7,2                 |
| BST-T 7,5 | 7,5              | 3X 400V +/-15%          |                  | 10,8                |
| BST-T 10  | 10               | 3X 400V +/-15%          |                  | 14,5                |
| BST-T 20  | 20               | 3X 400V +/-15%          |                  | 29                  |
| BST-T 30  | 30               | 3X 400V +/-15%          |                  | 43,5                |
| BST-T 40  | 40               | 3X 400V +/-15%          |                  | 58                  |
| BST-T 50  | 50               | 3X 400V +/-15%          |                  | 72                  |
| BST-T 75  | 75               | 3X 400V +/-15%          |                  | 108                 |
| BST-T 100 | 100              | 3X 400V +/-15%          |                  | 144                 |
| BST-T 150 | 150              | 3X 400V +/-15%          |                  | 216                 |
| BST-T 200 | 200              | 3X 400V +/-15%          |                  | 288                 |

## HIGH POWER VOLTAGE STABILISERS (UP TO 800 KVA)



## **Technical specification Servo-Mechanical Voltage Stabilizer Model: 230KVA**

- THREE-PHASE: 230 kVA
- Nominal input voltage: 3x380V+N
- Input voltage range: 3x320----3x437V
- Output voltage: 3x380V
- Output voltage accuracy: 0.5% - 1%
- Frequency: 48-63hz
- Rated power (continuous duty): 230 kVA
- Rated current: 349 Amps
- Coupling: Star connection
- Admitted load variation: 300% for 2 minutes -- 150% for 10 minutes
- Correction speed: 70V/sec
- Full load efficiency: Approx. 98%
- Cooling: Air Natural
- Ambient temperature: -20 +45
- Storage temperature: -50 +50
- Relative humidity: max 95% non condensing
- Heavy metal case: Wiring Diagram
- Protection degree: IP21
- Terminal board: Internal DIN
- Weight Kg: 740
- BOX Dimensions mm: 1200x640x1850

### **Accessories for Voltage Stabilizer:**

- Fittings: Standard Construction
- Sectionalising Input circuit breaker with fuses
- Safety Door block
- Output Fuses
- Surge suppresser Class D for Control Card
- Indicating Light

### **Standard/ Optional Accessories:**

- Thermal magnetic Input circuit breaker with release coil
- Alarm Card BJ (BJ)
- N 3 Analog Voltmeters for Output phase voltages
- N 3 Analog Ammeters for phase current
- N 3 Spike suppressors Class C for Input

Output voltage pre-set +/- 10%

Isolation Transformer (ISO)

Independent regulation on each phase (IR)