**240/220/230 Volt**

# VARIABLE TRANSFORMER
## MODEL 2402.0

393 1870

**2.0 Amp**

### *APPLICATIONS*

This bench or panel mounted model can be used in workshops, schools and laboratories for power or voltage control. It can also be used for current, lighting & motor speed control. Combined with a motor drive and electronic control unit it can be used as an AC Voltage Stabiliser. They can be ganged together for 3 phase applications. All versions are available in enclosures.

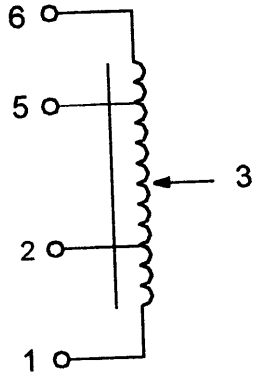
### *CONSTRUCTION*

A toroidal electrical steel core with a single layer of insulated copper wire is part-moulded in reinforced polyester resin. The construction is simple & rugged. The spindle can be adjusted to any position for either panel or bench mounting.

### *ELECTRICAL DATA*

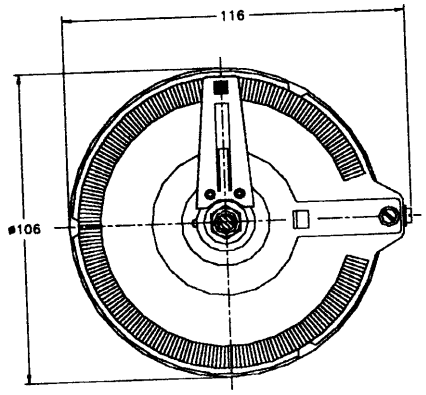
Input voltage 240V – Output voltages for 220 or 230V inputs are proportional.
Input voltage 6 to 2 (Panel Mtd) 240 V+10% Output (6 to 3) 0-270V
Input voltage 1 to 5 (Bench Mtd) 240 V+10% Output (1 to 3) 0-270V
For "Non Overvoltage" use connect Input 240V between 1 and 6
and output from 6 to 3 (panel) or 1 to 3 (Bench) Output 0 to 240V

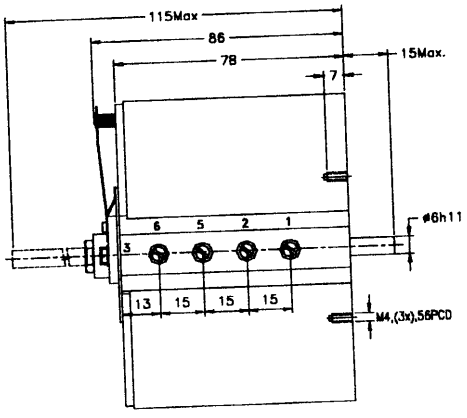
| | |
|---|---|
| Voltage drop | < 7 V. See application notes |
| Output current (nom.) | 2 A. |
| Output current (max.) | 2.4 A. . See application notes |
| Voltage per turn | 0..518 V. |
| Losses, no load | < 8 W. |
| Permissible temp. rise at any point | $70^0$ C |



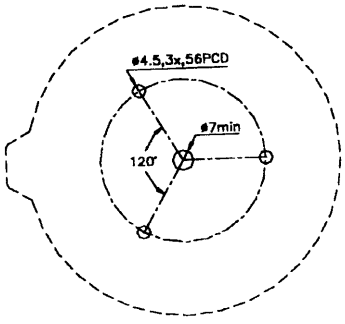

### *MECHANICAL DATA*

| | |
|---|---|
| Degree of protection | IP00. |
| Mass | 3.2 Kg. |
| Operating torque | 0.05 to 0.1Nm. |
| Permissible end stop torque | max. 1Nm. |




MOUNTING HOLE PATTERN




### *MOUNTING*

The transformer can be mounted in any position.
Fixing is with three screws, M4 (max. length = panel thickness + 7mm ).

### *OPTIONS*

Knob & Dial type 6100 (0-100%). Enclosed /E. Motorised /M. Stabiliser /Stab. Spare carbon brush Type "D"