

VARIABLE TRANSFORMER E3

2422 530 18407 Approved by SEV

1) **Core Size**

Moulded type code E3

2) **Application**

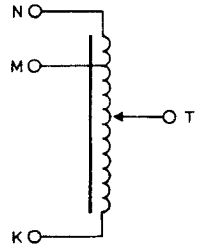
This panel model is used as power or voltage controls in mass produced apparatus, such as air heaters, ventilator controls, etc.

3) **Description**

The transformer is moulded in reinforced polyester resin. The construction is rugged and professional, the winding is protected by moulding. The mounting hole pattern is simple, the support area is relatively wide and therefore the transformer can be mounted on thin chassis or panels. Screw terminals are provided for connecting the leads.

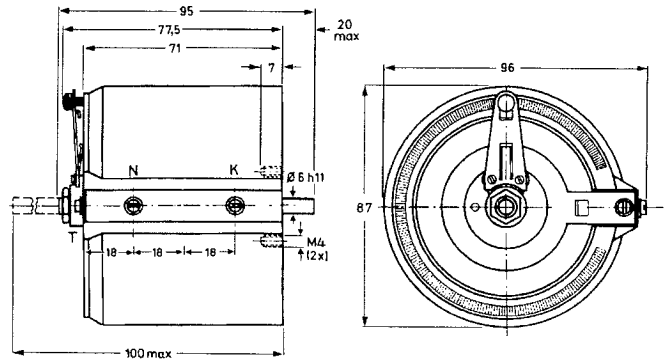
4) **Electrical Data**

Input Voltage N to K (note1)	220V +10%
Output Voltage no load T to K (note2)	0 to 220V
Output Current nom.	1.4A
Output Current max. (note 4)	1.7A
Voltage drop (note 3)	< 14V
Voltage per turn	0.36V
Losses, no load	< 5W
Permissible temperaturerise at any point max. (note 5)	70°C



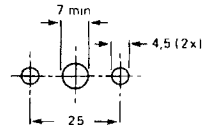
5) **Mechanical data**

Degree of Protection	IP00
Mass	1800 gr
Operation torque	0.05 to 0.1 Nm
Perm. end stop torque	max. 1 Nm



6) **Mounting**

The transformer can be mounted in any position. It can be fitted to a panel or chassis with two screws M4 (maximum length = panel thickness + 7mm). The mounting hole pattern is shown below.



7) **Accessories**

Control knob	2922 511 90046
AC Stabilizer	2422 532 00081/82
Motor Control	See page M1-M11

8) **Replacement parts**

Carbon brush	4322 026 16310 see page M12
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9) **Notes to Electrical Data**

- 1) Second letter denotes the Common input/output terminal.
- 2) The output voltage is stated for clockwise rotation when the transformer is viewed from the mounting side.
- 3) See "Operational notes" paragraph "Voltage drop".
- 4) See "Operational notes" paragraph "Continuous overload".
- 5) See "Operational notes" paragraph "Derating for higher ambient temperatures".