

VARIABLE TRANSFORMER E4

2422 530 13407 Approved by SEV

1) Core Size

Moulded type code E4

2) Application

This panel model is used for industrial and professional equipment.

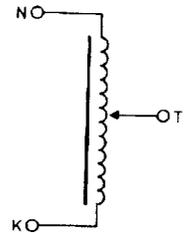
3) Description

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.

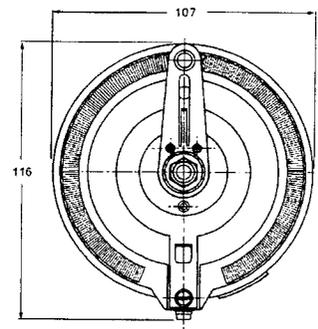
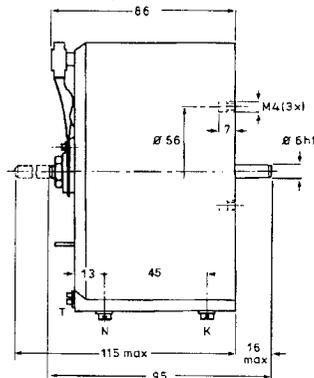
4) Electrical Data

Input Voltage N to K (note1)	220V +10%
Output Voltage no load T to K (note2)	0 to 220V
Output Current nom.	2.5A
Output Current max. (note 4)	3A
Voltage drop (note 3)	< 7V
Voltage per turn	0.478V
Losses, no load	< 8W
Permissible temperature rise at any point max. (note 5)	70°C



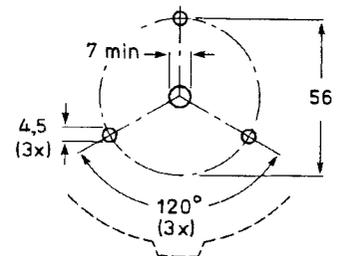
5) Mechanical data

Degree of Protection	IP00
Mass	3100 gr
Operation torque	0.05 to 0.15 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 three 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 65540 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".