# VARIABLE TRANSFORMER E4
# 2422 530 23407 Approved by SEV

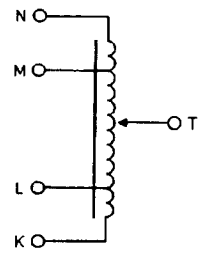
1) **Core Size**
Moulded type code E4

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.

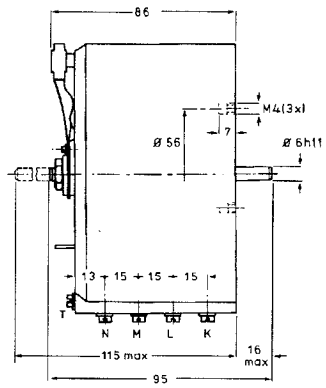
4) **Electrical Data**

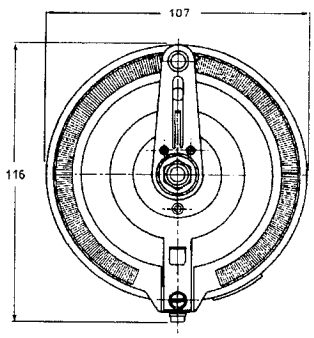
| | |
|---|---|
| Input Voltage M to K (note1) | 220V +10% |
| Input Voltage N to K | 260V +10% |
| Output Voltage no load T to K (note2) | 0 to 260V |
| Output Current nom. | 2.5A |
| Output Current max. (note 4) | 3A |
| Voltage drop (note 3) | <8V |
| Voltage per turn | 0.488V |
| Losses, no load | <8W |
| Permissible temperature rise at any point max. (note 5) | 90°C |



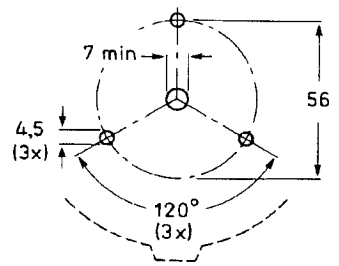

5) **Mechanical data**

| | |
|---|---|
| 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 tree screws M4 (maximum length = panel thickness +7mm). The mounting hole pattern is shown below.




7) **Accessories**

| | |
|---|---|
| Control knob | 2922 511 90043 |
| AC Stabilizer | 2422 532 00081/82 |
| Motor Control | See page M1-M11 |

8) **Replacement parts**

| | |
|---|---|
| Carbon brush | 4322 026 65540 see page M12 |

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".