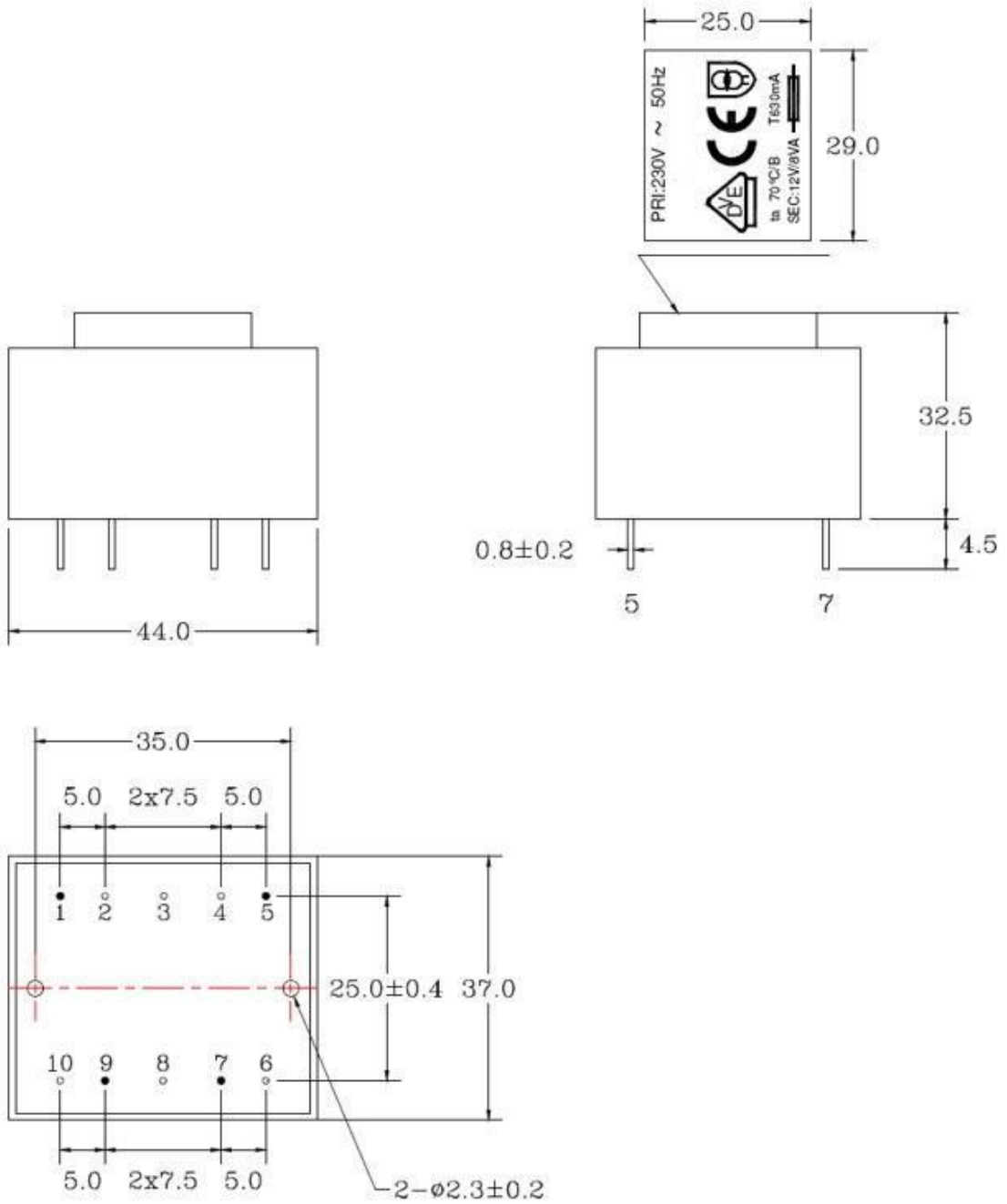


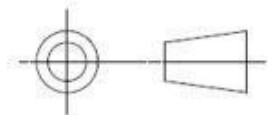
TR T08329A



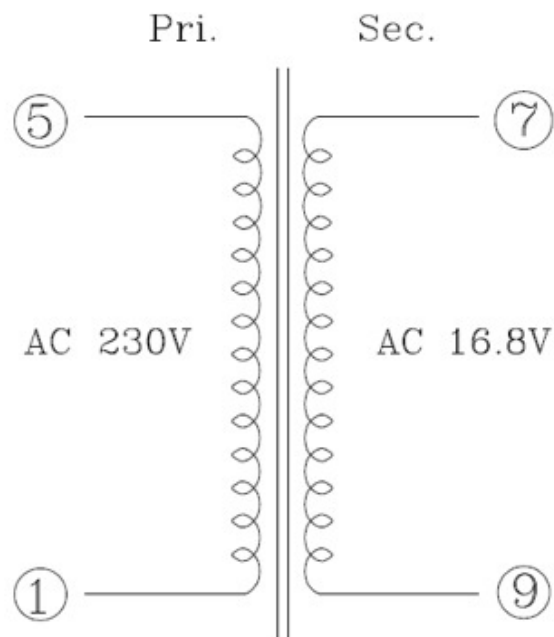
Notes:

1. Unit: mm
2. Marking: pad-print on top of case, letter in white, background in black
3. Pins exist at position: 1, 5, 7, 9.
4. The other tolerance is follows:
 

x.	$\pm 1.5$
.x	$\pm 1.0$
.xx	$\pm 0.50$



**Circuit diagram:**



**Remarks:**

Non-short circuit proof type transformer on external 630mA current Fuse must be connected in series to the secondary.

**Tabel-1: Secondary loaded voltage:**

Primary input			S1	S2	S3	S4	S5
230Vac 50 Hz	Rated load	Load	667mA ac				
		Standard	12.0Vac				
230Vac 50Hz	1	No Load	0 A				
		Standard	16.8Vac				
253Vac 50 Hz	2	Load					
		Standard					
207Vac 50 Hz	3	Load					
		Standard					
	4	Load					
		Standard					

**Tabel-1 notes:**

1.If not specified, the secondary voltage tolerance is  $\pm 5\%$ .

Standard atmospheric conditions:

Unless otherwise specified, the standard range of atmospheric conditions for marking measurements and tests are as follows:

Ambient temperature : 15°C to 35°C  
 Relative humidity : 25% to 85%

If there is doubt about the results, measurement shall be made within the following limits:

Ambient temperature : 20°C ± 1°C  
 Relative humidity : 63% to 67%

Operating temperature range:

-10°C to +70°C

1	Output voltage and current	<input checked="" type="checkbox"/> Measured in a.c. circuit <input type="checkbox"/> D.C. circuit including rectifying circuit	Refer to Page 4
2	Rated primary voltage	<input checked="" type="checkbox"/> 50Hz <input type="checkbox"/> 60HZ <input type="checkbox"/> Both 50Hz and 60Hz	<u>230V</u>
3	No load current	Input <u>230Vac</u> , <u>50Hz</u>	<u>50</u> mA or less
4	Stand-by consumption	Input <u>230Vac</u> , <u>50Hz</u>	<u>---</u> W or less
5	Secondary voltage		Refer to Page 4
6	Insulation resistance	Apply a voltage of 500V d.c. for 1min.: Between the primary and core Between the primary and secondary	<u>100M</u> Ω or more
7	Dielectric strength	Between primary and secondary: <u>4.0KV</u> ac for 1min. 2mA	No damage such as Breakdown, etc.
8	Layer dielectric strength	Apply <u>(A)</u> V, 400Hz for 15s to the primary terminal of <u>(B)</u> V. (A) <u>460V</u> , (B) <u>230V</u>	No damage such as Breakdown, etc.
9	Primary direct Current resistance	Between terminals of <u>----</u> and <u>----</u>	<u>---</u> Ω
10	Secondary direct Current resistance	Between terminals of <u>----</u> and <u>----</u>	<u>---</u> Ω
11	Temperature rise	The voltage of <u>(A)</u> V shall be applied to the primary terminal of <u>(B)</u> V. Measurement shall be made after constant temperature are reached. (A) <u>243.8V</u> , (B) <u>230V</u>  Secondary load conditions: <input type="checkbox"/> All at the rated current <input checked="" type="checkbox"/> The input voltage is increased by 6% after the rated current is set. <input type="checkbox"/> The rated current is set, with the input voltage 10% high. <input checked="" type="checkbox"/> Other ( Ta=70°C )	Windings up to: <u>50</u> K. (by the resistance method) Iron core up to: <u>----</u> K. (by the thermometer method)

## Electrical Characteristics

12	Damp heat	<p>The power transformer shall be stored at an ambient temperature of <math>40^{\circ}\text{C}\pm 2^{\circ}\text{C}</math> with relative humidity of 90% to 95% for 48h. Then condensation shall be removed.</p> <p>After which measurement shall be made within 10 min.</p>	Insulation resistance	$5\text{M}\Omega$ or more
			Dielectric strength	Clause 7 shall be satisfied. Trip current 5mA
13	Dry heat	<p>The power transformer shall be stored at an ambient temperature of <math>100^{\circ}\text{C}\pm 3^{\circ}\text{C}</math> for 6h.</p> <p>After which measurement shall be made within 10 min.</p>	Insulation resistance	$5\text{M}\Omega$ or more
			Dielectric strength	Clause 7 shall be satisfied. Trip current 5mA
14	Abnormal temperature test	<input type="checkbox"/> 15-day test <input checked="" type="checkbox"/> Short-circuit and overload test with		Windings up to: <u>175</u> °C
15	Beat noise (Hum)			<u>28</u> dB or less
16	Thermo-protector	Primary windings built in / thermal fuse.		
17	Mass			<u>210</u> g (reference)