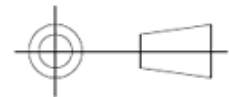


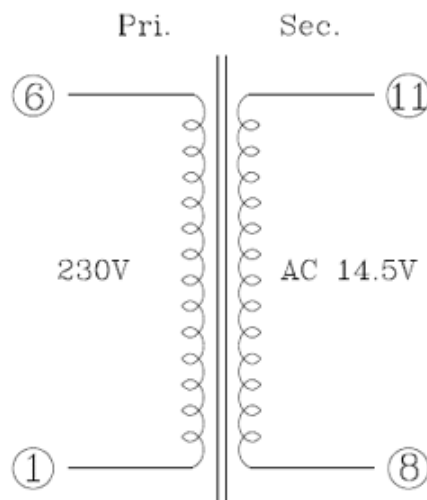
**Notes:**

1. Unit: mm
2. Marking: pad-print on top of case, letter in white, background in black
3. Pins exist at position: 1, 6, 7, 8, 11, 12.
4. The other tolerance is follows:
 

x.	±1.0
.x	±1.0
.xx	±0.30



**Circuit diagram:**



**Remarks:**

Non-short circuit proof type transformer on external 63mA current Fuse must be connected in series to the primary.

**Table-1: Secondary loaded voltage:**

Remarks:

Non-short circuit proof type transformer on external 63mA current Fuse must be connected in series to the primary.

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

Primary input			S1	S2	S3	S4	S5
230Vac 50 Hz	Rated load	Load	833mA ac				
		Standard	12.0Vac				
230Vac 50Hz	1	No Load	0m A				
		Standard	14.5Vac				
253Vac 50 Hz	2	Load					
		Standard					
207Vac 50 Hz	3	Load					
		Standard					
	4	Load					
		Standard					

Tabel-I 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  $\pm$  1°C

Relative humidity : 63% to 67%

Operating temperature range:

-10°C to +50°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>42</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> $\Omega$ or more
7	Dielectric strength	Between primary and secondary: <u>3.75</u> KVac 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> $\Omega$
10	Secondary direct Current resistance	Between terminals of <u>----</u> and <u>----</u>	<u>----</u> $\Omega$
		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) 253.0V. (B) 230V	Windings up to:

10	Secondary direct Current resistance	Between terminals of ---- and ----	---- $\Omega$
11	Temperature rise	<p>The voltage of (A) V shall be applied to the primary terminal of (B) V. Measurement shall be made after constant temperature are reached.</p> <p>(A) <u>253.0V</u>, (B) <u>230V</u></p> <p>Secondary load conditions:</p> <p><input type="checkbox"/> All at the rated current</p> <p><input checked="" type="checkbox"/> The input voltage is increased by 10% after the rated current is set.</p> <p><input type="checkbox"/> The rated current is set, with the input voltage 10% high.</p> <p><input checked="" type="checkbox"/> Other ( Ta=50°C )</p>	<p>Windings up to: <u>70</u> K. (by the resistance method)</p> <p>Iron core up to: ---- K. (by the thermometer method)</p>

### Electrical Characteristics

12	Damp heat	<p>The power transformer shall be stored at an ambient temperature of 40°C±2°C with relative humidity of 90% to 95% for 48h. Then condensation shall be removed. After which measurement shall be made within 10 min.</p>	Insulation resistance	5M $\Omega$ 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 100°C±3°C for 6h. After which measurement shall be made within 10 min.</p>	Insulation resistance	5M $\Omega$ or more
			Dielectric strength	Clause 7 shall be satisfied. Trip current 5mA
14	Abnormal temperature test	<input type="checkbox"/> 15-day test <input type="checkbox"/> Short-circuit and overload test with		Windings up to: ---- °C
15	Beat noise (Hum)			<u>28</u> dB or less
16	Thermo-protector	Primary windings built in / thermal fuse.		
17	Mass			<u>295</u> g (reference)