

## EU Updated EuP Directive to Erp Directive

Directive 2005/32 EC of the European Parliament and of the Council of 6 July 2005 establishing a framework for the setting of ECO-Design requirements for energy-using products has been substantially amended. It now strictly limited to the extension of the scope of application of that directive to include all energy-related products, are to be made, that directive should be recast in the interests of clarity.

EI 30 ErP series encapsulated transformer are designed to meet:-

**EC No 1275/2008:** Requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.

**EC No 278/2009:** Requirements for no-load condition electric power consumption and average active efficiency of external power supplies.

**Customization of all sizes is possible:**

- further PRI-SEC voltages
- individual power values
- unpotted versions
- special PIN configurations
- higher temperature classes

**2.3VA**



**Features:**

- Standby power consumption  $\leq 0.5W$
- Vacuum filled casting
- Split bobbin design winding
- Ambient temperature  $ta70^{\circ}C$
- Insulation class B or F
- Inherently short circuit proof
- Frequency 50/60Hz
- Dielectric strength 4,000Vrms
- Weight: 110g

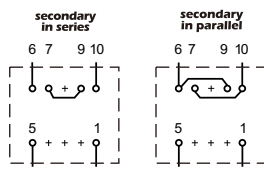
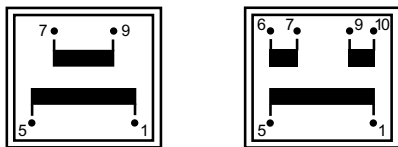
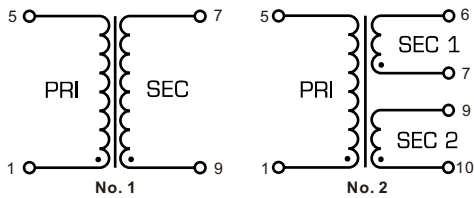


## Primary Voltage 230V

Part Number	Primary (V)	Secondary (V)	Secondary (mA)	No-Load Voltage (V)	Schematic No.	Ambient Temperature
YZE30S23-0607B	230	6	383.3	9.4	1	ta 70/B
YZE30S23-0727B	230	7.2	319.4	11.3	1	ta 70/B
YZE30S23-0907B	230	9	255.6	14.1	1	ta 70/B
YZE30S23-1007B	230	10	230	15.7	1	ta 70/B
YZE30S23-1207B	230	12	191.7	18.8	1	ta 70/B
YZE30S23-1507B	230	15	153.3	23.6	1	ta 70/B
YZE30S23-1807B	230	18	127.8	28.3	1	ta 70/B
YZE30S23-2407B	230	24	95.8	37.7	1	ta 70/B
YZE30D23-0607B	230	2x6	2x191.7	2x9.4	2	ta 70/B
YZE30D23-0727B	230	2x7.2	2x159.7	2x11.3	2	ta 70/B
YZE30D23-0907B	230	2x9	2x127.8	2x14.1	2	ta 70/B
YZE30D23-1007B	230	2x10	2x115.0	2x15.7	2	ta 70/B
YZE30D23-1207B	230	2x12	2x95.8	2x18.8	2	ta 70/B
YZE30D23-1507B	230	2x15	2x76.7	2x23.6	2	ta 70/B
YZE30D23-1807B	230	2x18	2x63.9	2x28.3	2	ta 70/B
YZE30D23-2407B	230	2x24	2x47.9	2x37.7	2	ta 70/B



**Schematics**



Recommended PCB layout for secondary in series or in parallel

Note: Unused pins are omitted for standard parts and it can be provided upon request.

**Dimensions (mm):**

