

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

1.8VA

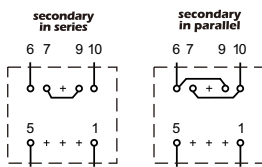
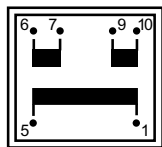
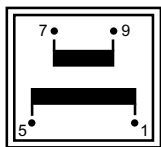
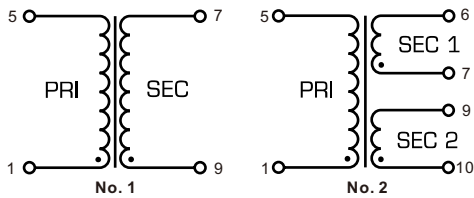


Features:

- 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: 100g



Schematics



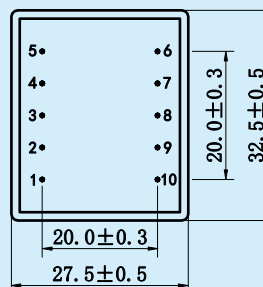
Recommended PCB layout for secondary in series or in parallel

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

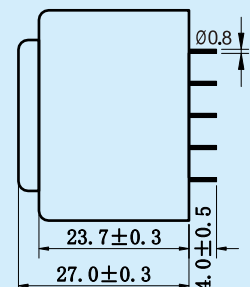
Primary Voltage 230V

Part Number	Primary (V)	Secondary (V)	Secondary (mA)	No-Load Voltage (V)	Schematic No.	Ambient Temperature
YZE30S18-0607B	230	6	300.0	10.2	1	ta 70/B
YZE30S18-0727B	230	7.2	250.0	12.2	1	ta 70/B
YZE30S18-0907B	230	9	200.0	15.3	1	ta 70/B
YZE30S18-1007B	230	10	180.0	17.0	1	ta 70/B
YZE30S18-1207B	230	12	150.0	20.4	1	ta 70/B
YZE30S18-1507B	230	15	120.0	25.5	1	ta 70/B
YZE30S18-1807B	230	18	100.0	30.6	1	ta 70/B
YZE30S18-2407B	230	24	75.0	40.8	1	ta 70/B
YZE30D18-0607B	230	2x6	2x150.0	2x10.2	2	ta 70/B
YZE30D18-0727B	230	2x7.2	2x125.0	2x12.2	2	ta 70/B
YZE30D18-0907B	230	2x9	2x100.0	2x15.3	2	ta 70/B
YZE30D18-1007B	230	2x10	2x90.0	2x17.0	2	ta 70/B
YZE30D18-1207B	230	2x12	2x75.0	2x20.4	2	ta 70/B
YZE30D18-1507B	230	2x15	2x60.0	2x25.5	2	ta 70/B
YZE30D18-1807B	230	2x18	2x50.0	2x30.6	2	ta 70/B
YZE30D18-2407B	230	2x24	2x37.5	2x40.8	2	ta 70/B

Dimensions (mm):



Bottom View



Front View