

SEALED TRANSFORMER, PCB 0.6VA EI 30-5 SERIES

1. ELECTRICAL SPECIFICATIONS:

A. Input Voltage and Frequency: 115/230V @ 50/60 Hz

B. Secondary Voltage: See Electrical Table

C. Ambient Temperature: 70° C MAX allowed.

D. Insulation Resistance:

100M Ohm Min @ 500VDC PRI. to SEC.

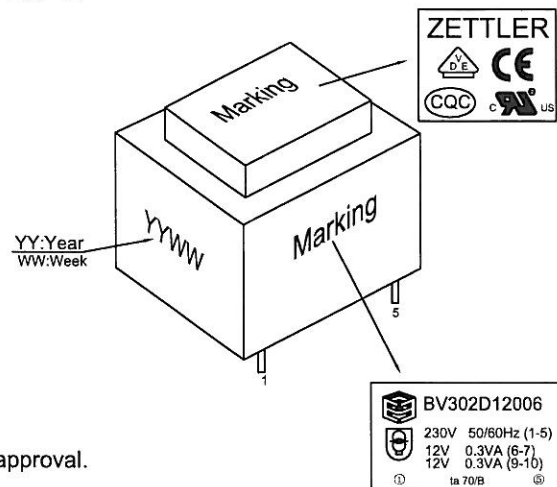
E. Hi-Pot:

4200Vrms 1mA 1second @ PRI. to SEC.

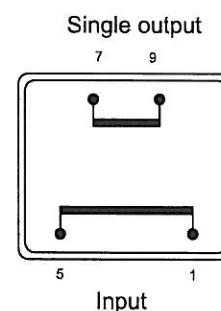
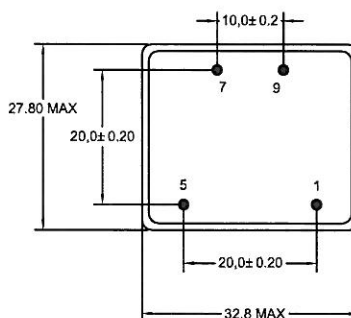
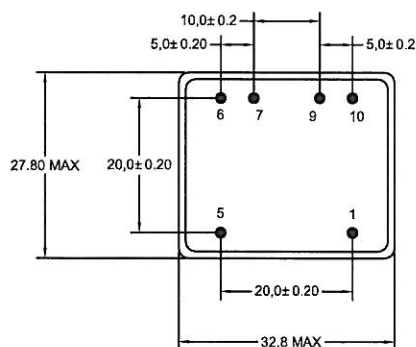
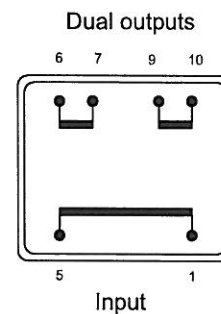
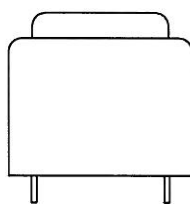
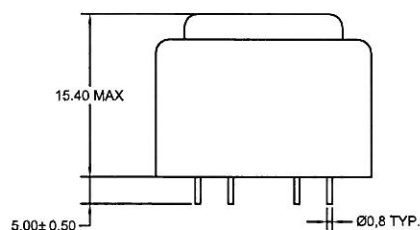
F. Approvals:

UL506,UL1585 class 2 and class3, VDE, EN61558, EN60950

G. when the primary is 115V input, the transformer are non CQC approval.



2. MECHANICAL SPECIFICATIONS:



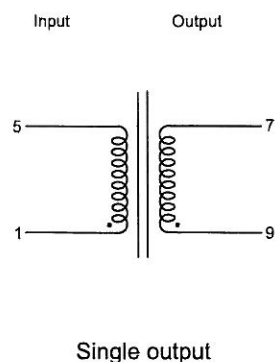
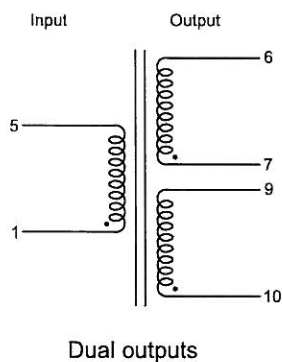
Dual outputs

Single output

A1	Changed the hi-pot from 2800V to 4200V, for 115V primary	Winston	2008-3-18
REV.	DESCRIPTION	DRAWN	DATE(M/D/Y)

TOLERANCE	SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)	MODEL DESCRIPTION	
X	± 0.3	DRAWN	Janise	ZETTLER MAGNETICS TITLE EI 30-5 0.6VA	MATERIAL 120° C or higher
X.X	± 0.2	CHECKED			MODEL: EI 30-5 0.6VA
X.XX	± 0.1	APPROVED			
THICKNESS	/				
REV.	A0				SHEET: 1 OF 2

3. SCHEMATIC DIAGRAM:



4. ELECTRICAL TABLE:

Part Number (Input:115V)	Part Number (Input:230V)	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Ambient temperature (°C)	Rated Power (VA)
BV301S06006	BV302S06006	6±15%		100	10.5	T 70 B	0.6
BV301S09006	BV302S09006	9±15%		66	15.5	T 70 B	0.6
BV301S12006	BV302S12006	12±15%		50	20.5	T 70 B	0.6
BV301S15006	BV302S15006	15±15%		40	25.4	T 70 B	0.6
BV301S18006	BV302S18006	18±15%		33	30.4	T 70 B	0.6
BV301S24006	BV302S24006	24±15%		25	40.4	T 70 B	0.6
BV301D06006	BV302D06006	6±15%	6±15%	2×50	2×10.5	T 70 B	0.6
BV301D09006	BV302D09006	9±15%	9±15%	2×33	2×15.5	T 70 B	0.6
BV301D12006	BV302D12006	12±15%	12±15%	2×25	2×20.5	T 70 B	0.6
BV301D15006	BV302D15006	15±15%	15±15%	2×20	2×25.0	T 70 B	0.6
BV301D18006*	BV302D18006*	18±15%	18±15%	2×17	2×30.4	T 70 B	0.6
BV301D24006*	BV302D24006*	24±15%	24±15%	2×12	2×40.4	T 70 B	0.6

* To be noted:*marked transformers are non VDE approved.
Those transformers meet all requirement of EN61558-2-4.

					REV.	DESCRIPTION	DRAWN	DATE(M/D/Y)
TOLERANCE		SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)	MODEL DESCRIPTION			
X	± 0.3	DRAWN	Janise	2008-1-16	ZETTLER MAGNETICS		MATERIAL 120° C or higher	
X.X	± 0.2	CHECKED					MODEL:	
X.XX	± 0.1	APPROVED					EI 30-5 0.6VA	
THICKNESS	/				TITLE EI 30-5 0.6VA			
REV.	A0						SHEET: 2 OF 2	