

SEALED TRANSFORMER, PCB 2.3VA EI 30-18 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.

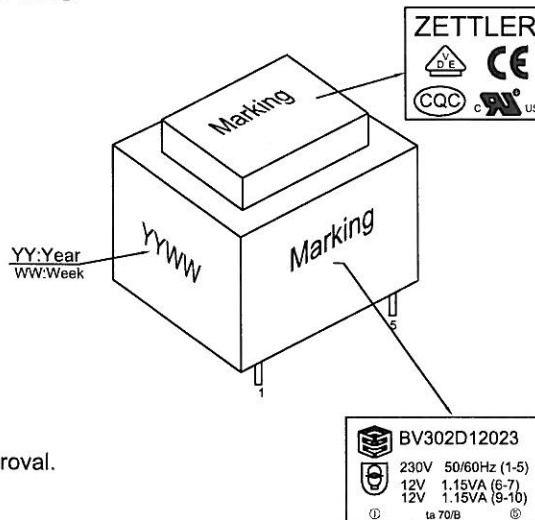
E. Hi-Pot:

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

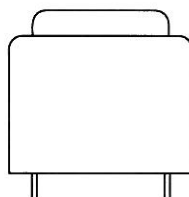
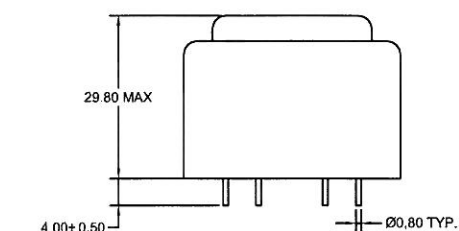
F. Approvals:

UL506,UL1585 class 2 and class 3,VDE,EN61558,EN60950

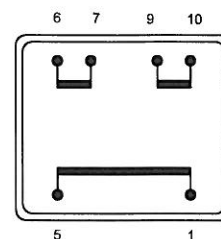
G. When the primary is 115V input,the transformer are non CQC approval.



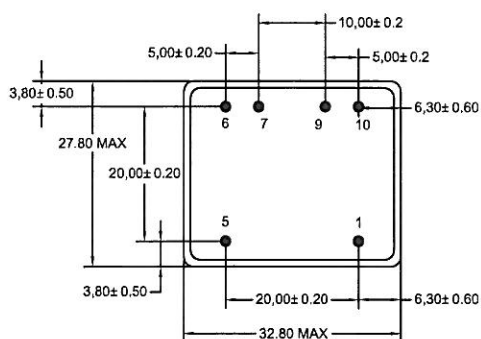
2. MECHANICAL SPECIFICATIONS:



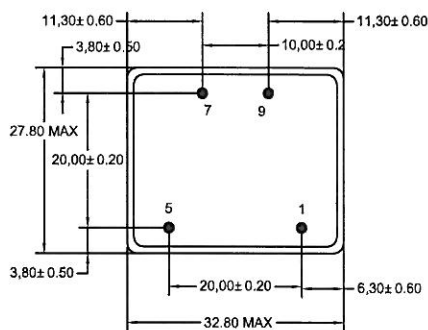
Dual outputs



Input

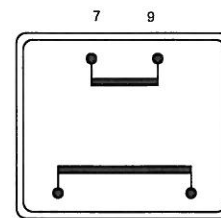


Dual outputs



Single output

Single output

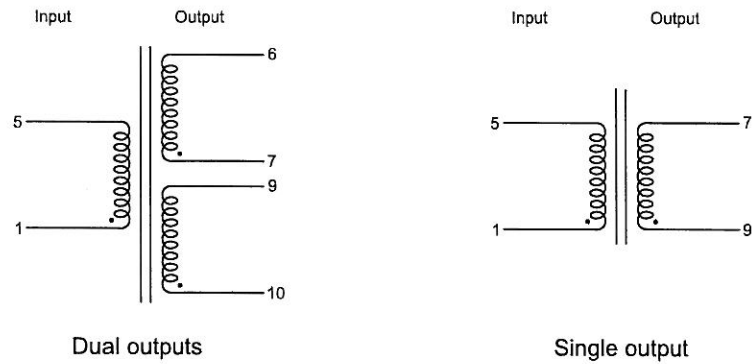


Input

A2	Added dimension measurements	Winston	2008-7-17
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	MATERIAL 120° C or higher
X.X	± 0.2	CHECKED			MODEL: EI 30-18 2.3VA
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)
BV301S06023	BV302S06023	6±10%		383	10.5	T 70 B	2.3
BV301S09023	BV302S09023	9±10%		256	15.7	T 70 B	2.3
BV301S12023	BV302S12023	12±10%		192	21	T 70 B	2.3
BV301S15023	BV302S15023	15±10%		153	25.9	T 70 B	2.3
BV301S18023	BV302S18023	18±10%		128	31.4	T 70 B	2.3
BV301S24023	BV302S24023	24±10%		96	41.9	T 70 B	2.3
BV301D06023	BV302D06023	6±10%	6±15%	2×192	2×10.5	T 70 B	2.3
BV301D09023	BV302D09023	9±10%	9±15%	2×128	2×15.7	T 70 B	2.3
BV301D12023	BV302D12023	12±10%	12±15%	2×96	2×21	T 70 B	2.3
BV301D15023	BV302D15023	15±10%	15±15%	2×77	2×25.0	T 70 B	2.3
BV301D18023*	BV302D18023*	18±10%	18±15%	2×64	2×31.4	T 70 B	2.3
BV301D24023*	BV302D24023*	24±10%	24±15%	2×48	2×41.9	T 70 B	2.3

* 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				MODEL DESCRIPTION			
X	± 0.3	DRAWN	Janise	 ZETTLER MAGNETICS TITLE EI 30-18 2.3VA			MATERIAL 120° C or higher
X.X	± 0.2	CHECKED					MODEL: EI 30-18 2.3VA
X.XX	± 0.1	APPROVED					
THICKNESS	/						
REV.	A0			SHEET: 2 OF 2			