

SEALED TRANSFORMER, PCB 2.8VA 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: 40° C MAX allowed.

D. Insulation Resistance:

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

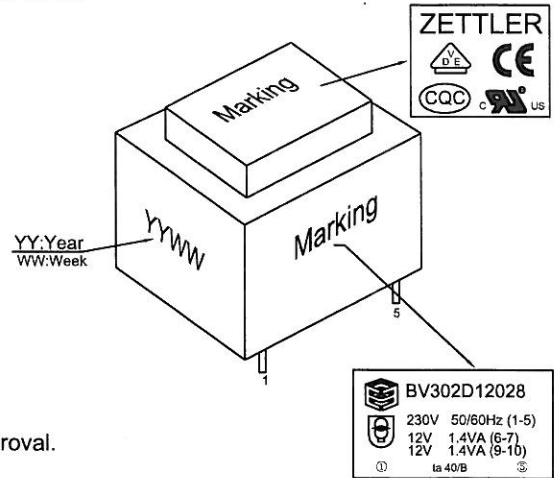
E. Hi-Pot:

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

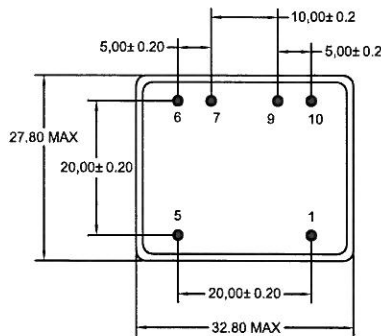
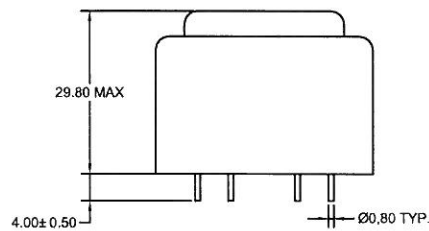
F. Approvals:

UL506,VDE,EN61558,EN60950

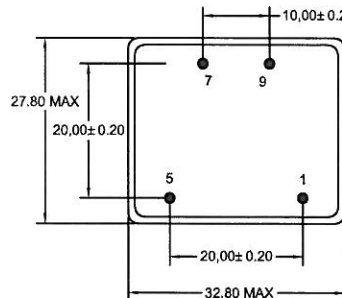
G. When the primary is 115V input,the transformer are non CQC approval.



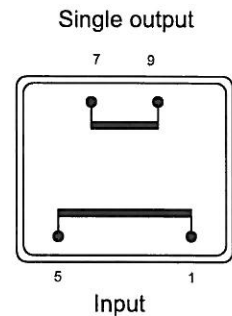
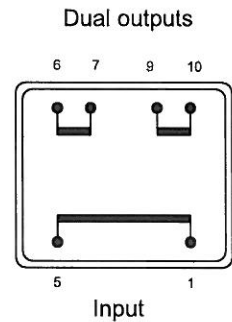
2. MECHANICAL SPECIFICATIONS:



Dual outputs



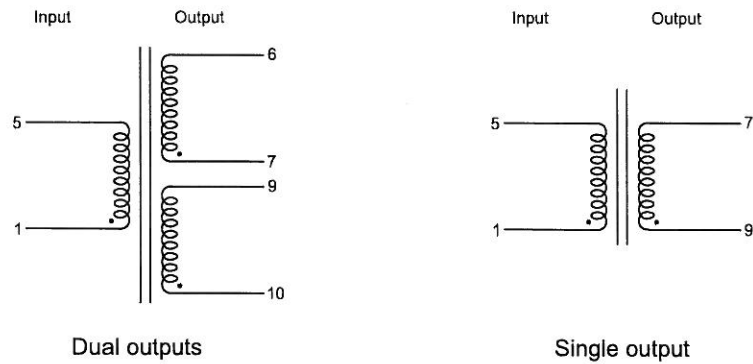
Single output



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 30-18 2.8VA	MATERIAL 120° C or higher
X.X	± 0.2	CHECKED			MODEL: EI 30-18 2.8VA
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)
BV301S06028	BV302S06028	6±10%		467	10.5	T 40 B	2.8
BV301S09028	BV302S09028	9±10%		311	15.4	T 40 B	2.8
BV301S12028	BV302S12028	12±10%		233	21.1	T 40 B	2.8
BV301S15028	BV302S15028	15±10%		187	26.3	T 40 B	2.8
BV301S18028	BV302S18028	18±10%		156	30.9	T 40 B	2.8
BV301S24028	BV302S24028	24±10%		117	42.1	T 40 B	2.8
BV301D06028	BV302D06028	6±10%	6±15%	2×233	2X10.5	T 40 B	2.8
BV301D09028	BV302D09028	9±10%	9±15%	2×156	2X15.4	T 40 B	2.8
BV301D12028	BV302D12028	12±10%	12±15%	2×117	2X21.1	T 40 B	2.8
BV301D15028	BV302D15028	15±10%	15±15%	2×93	2X25.0	T 40 B	2.8
BV301D18028*	BV302D18028*	18±10%	18±15%	2×70	2X31.5	T 40 B	2.8
BV301D24028*	BV302D24028*	24±10%	24±15%	2×58	2X42.1	T 40 B	2.8

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

TOLERANCE		SCALE NOT 1:1	UNIT mm	DATE (M/D/Y)	MODEL DESCRIPTION		
X	± 0.3	DRAWN	Janise	2008-2-18	 ZETTLER MAGNETICS TITLE EI 30-18 2.8VA	MATERIAL 120° C or higher	
X.X	± 0.2	CHECKED				MODEL:	
X.XX	± 0.1	APPROVED				EI 30-18 2.8VA	
THICKNESS	/					SHEET: 2 OF 2	
REV.	A0						