SEALED TRANSFORMER, PCB 1VA EI 30-10.5 SERIES BV302S09010 1. ELECTRICAL SPECIFICATIONS: Markins 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: Frun YY:Year WW:Week 100M Ohm Min @ 500VDC PRI. to SEC. E. Hi-Pot: 4200Vrms 1 minute @ PRI. to SEC. ,when the primary input voltage is 230V 2800Vrms 1 minute @ PRI. to SEC. ,when the primary input voltage is 115V F. Approvals: UL5085 class 2 and class 3,VDE,EN61558,EN60950 H. When the primary is 115V input, the transformer are non CQC approval. 2. MECHANICAL SPECIFICATIONS: Dual outputs 22.30 MAX Ø0.8 TYP. 4.00±0.50= Input 10.0± 0.5 10.0± 0.5 -5.0+0.2 5.0±0.20 Single output 27.80 MAX 20.0±0.50 27.80 MAX 20.0±0.50 20.0± 0.50 20.0± 0.50 32.80 MAX -32.80 MAX Input Single output **Dual outputs** 2014-11-14 A1 Janise Changed label according to vde require REV. DESCRIPTION DRAWN DATE(M/D/Y) SCALE MODEL DESCRIPTION TOLERANCE NOT 1:1 (M/D/Y) mm MATERIAL 2014-11-14 Janise ± 0.3 DRAWN 120° C or higher ZETTLER MAGNETICS ±0.2 CHECKED MODEL: ± 0.1 **APPROVED** TITLE EI 30-10.5 1VA THICKNESS

EI 30-10.5 1VA

SHEET: 1 OF 2

X

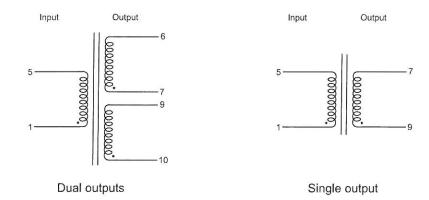
X.X

X.XX

REV.

A1

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)
BV301S06010	BV302S06010	6±10%		166	8.6	Т 70 В	1
BV301S09010	BV302S09010	9±10%		111	13.6	Т 70 В	1
BV301S10010	BV302S10010	10±10%		100	14.2	T 70 B	1
BV301S12010	BV302S12010	12±10%		83	17.2	Т 70 В	1
BV301S15010	BV302S15010	15±10%		66	21.6	Т 70 В	1
BV301S18010	BV302S18010	18±10%		55	25.9	Т 70 В	1
BV301S24010	BV302S24010	24±10%		41	37.9	Т 70 В	1
BV301D06010	BV302D06010	6±10%	6±15%	2×83	2×8.6	Т 70 В	1
BV301D09010	BV302D09010	9±10%	9±15%	2×56	2×13.6	Т 70 В	1
BV301D10010	BV302D10010	10±10%	10±15%	2×50	2×14.2	Т 70 В	1
BV301D12010	BV302D12010	12±10%	12±15%	2×42	2×19	Т 70 В	1
BV301D15010	BV302D15010	15±10%	15±15%	2×33	2×23.6	Т 70 В	1
BV301D18010*	BV302D18010*	18±10%	18±15%	2×28	2×24.9	T 70 B	1
BV301D24010*	BV302D24010*	24±10%	24±15%	2×21	2×37.9	Т 70 В	1

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

				A1	ADD BV302S10010 TO LIST		2014-11-14	
		REV. DESCRIPTION DRAW				DRAW	N DATE(M/D/Y)	
TOLERANCE SCALE UNIT DATE NOT 1:1 mm (M/D/Y)				MODEL DESCRIPTION				
X	± 0.3	DRAWN	Janise	2014-11-14	ZETTLER MAGNETICS			MATERIAL 120° C or higher
X.X	± 0.2	CHECKED			ZEI	MODEL:		
X.XX	± 0.1	APPROVED			TITL	_		EI 30-10.5 1VA
THICKNESS	I					EI 30-10.5 1VA		
REV.	A1				1 El 30-10.5 TVA			SHEET: 2 OF 2