High Voltage (Plate) & Filament - 39 VA to 940 VA *300 Series*

Universal Primary & 50/60 Hz Operation





Classic

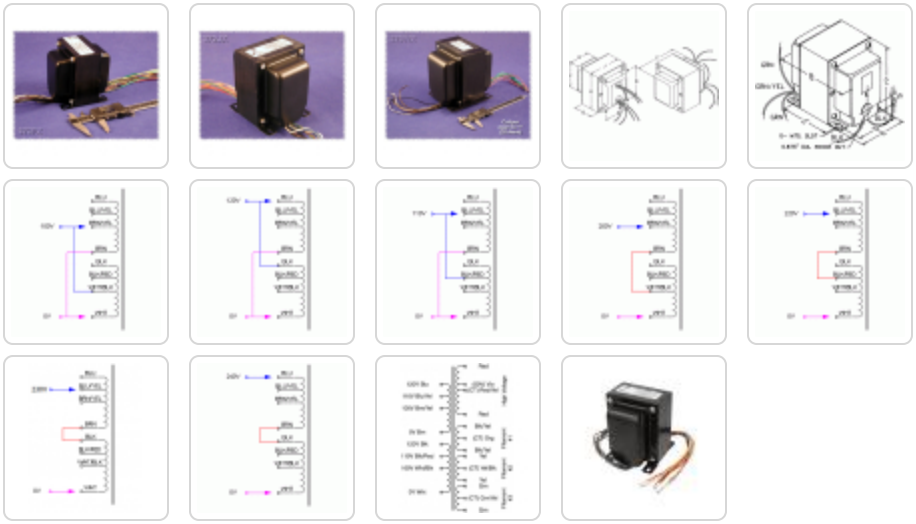
CSA®

RoHS

Features

- Primary: Universal - 100, 110, 120, 200, 220,230, 240 VAC 50/60 Hz.
  - NOTE: units are designed to operate with BOTH primary windings engaged.
  - See primary wiring information under resources.
- Bias Tap: 50 VAC tap from high voltage secondary C.T. (except part number **379WX** - uses a separate 60VAC 0.2 Amp winding).
- Highpot tested: 2,000 VAC
- Faraday Copper Primary Shield: Our electrostatic shield reduces the capacitive coupling from the primary - greatly attenuating higher frequency current coupling to the secondaries (shield is internally grounded to the end bell).
- Windings: Concentric wound for low stray field and low noise.
- Models: This series is an upgrade from our entire **200 Series** range of units PLUS 2 models designed specifically for 300B tubes (Part Number **300BX**) and 2A3 tubes (Part Number **302AX**).
- Finish: Black powder paint to match our 1650 series of output transformers
- Units can be run full wave bridge or full wave C.T.
- Conservative designs - CSA certified (209651).
- For a more economical, open frame, universal primary - check out our **260 Series**.
- For that "high end" look & feel check out our potted versions - the **300P Series**.

Gallery



Part No.	VA	A.C. High Voltage Secondary R.M.S.	Bias Tap on High Voltage secondary with C.T Grounded (VAC)	Filament #1 (VAC)	Filament #2 (VAC)	Filament #3 (VAC)	Filament #4 (VAC)	Dimension Reference
363AX	32	200V C.T. @ 115ma.	50	5V C.T. @ 2A	-	-	-	X6
369AX	40	250V C.T. @ 115ma.	50	6.3V C.T. @ 2A	-	-	-	X6
369BX	39	300V C.T. @ 86ma.	50	6.3V C.T. @ 2A	-	-	-	X6

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Part No.	VA	A.C. High Voltage Secondary R.M.S.	Bias Tap on High Voltage secondary with C.T Grounded (VAC)	Filament #1 (VAC)	Filament #2 (VAC)	Filament #3 (VAC)	Filament #4 (VAC)	Dimension Reference
363CX	119	360V C.T. @ 288ma.	50	5V C.T. @ 3A	-	-	-	X11
369EX	45	380V C.T. @ 75ma.	50	6.3V C.T. @ 2.5A	-	-	-	X6
369HX	120	450V C.T. @ 150ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X10
369KX	188	450V C.T. @ 300ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X20
370X	41	480V C.T. @ 46ma.	50	5V C.T. @ 2A	6.3V C.T. @ 1.5A	-	-	X6
370AX	44	480V C.T. @ 58ma.	50	6.3V C.T. @ 2.5A	-	-	-	X6
369GX	50	450V C.T. @ 75ma.	50	6.3V C.T. @ 2.5A	-	-	-	X6
369JX	50	500V C.T. @ 69ma.	50	6.3V C.T. @ 2.5A	-	-	-	X6
370CAX	66	500V C.T. @ 81ma.	50	5V C.T. @ 2A	6.3V C.T. @ 2.5A	-	-	X8
370JX	133	500V C.T. @ 161ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X20
370KX	229	500V C.T. @ 322ma.	50	5V C.T. @ 6A	6.3V C.T. @ 6A	-	-	X22
370DAX	76	520V C.T. @ 104ma.	50	6.3V C.T. @ 3.5A	-	-	-	X8
370BX	55	550V C.T. @ 58ma.	50	5V C.T. @ 2A	6.3V C.T. @ 2A	-	-	X7
370CX	59	550V C.T. @ 75ma.	50	6.3V C.T. @ 0.6A	6.3V C.T. @ 2.5A	-	-	X7
370DX	86	550V C.T. @ 104ma.	50	5V C.T. @ 2A	6.3V C.T. @ 3A	-	-	X8
370EX	119	550V C.T. @ 144ma.	50	5V C.T. @ 3A	6.3V C.T. @ 4A	-	-	X11
370FX	141	550V C.T. @ 173ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X19
370HX	180	550V C.T. @ 230ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X20
370LX	340	550V C.T. @ 460ma.	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X23
370MX	403	550V C.T. @ 575ma.	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X24
371X	63	560V C.T. @ 69ma.	50	5V C.T. @ 2A	6.3V C.T. @ 2A	-	-	X7
372BX	98	600V C.T. @ 115ma.	50	5V C.T. @ 2A	6.3V C.T. @ 3A	-	-	X10
372DX	127	600V C.T. @ 144ma.	50	5V C.T. @ 3A	6.3V C.T. @ 4A	-	-	X11
372FX	150	600V C.T. @ 173ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X20
302AX	198	600V C.T. @ 230ma.	50	2.5V C.T. @ 2.5A	5V C.T. @ 3A	6.3V C.T. @ 6A	2.5V C.T. @ 2.5A	X13
372HX	191	600V C.T. @ 230ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X13
372JX	243	600V C.T. @ 288ma.	50	5V C.T. @ 4A	6.3V C.T. @ 8A	-	-	X14
372KX	432	600V C.T. @ 575ma	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X21
372LX	520	600V C.T. @ 690ma	50	5V C.T. @ 6A	6.3V C.T. @ 12A	-	-	X25
372X	75	620V C.T. @ 81ma.	50	5V C.T. @ 2A	6.3V C.T. @ 2.4A	-	-	X8
376X	157	640V C.T. @ 173ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X20
373EX	311	650V C.T. @ 345ma.	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X23
373FX	386	650V C.T. @ 460ma.	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X24
373DX	101	700V C.T. @ 104ma.	50	5V C.T. @ 2A	6.3V C.T. @ 3A	-	-	X10
373X	125	700V C.T. @ 127ma.	50	5V C.T. @ 2A	6.3V C.T. @ 4A	-	-	X11
373BX	187	700V C.T. @ 201ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X13
373HX	369	700V C.T. @ 403ma.	50	5V C.T. @ 6A	6.3V C.T. @ 9A	-	-	X21
373JX	710	700V C.T. @ 863ma.	50	5V C.T. @ 6A	6.3V C.T. @ 12A	-	-	X26
374AX	136	720V C.T. @ 138ma.	50	5V C.T. @ 3A	6.3V C.T. @ 3.5A	-	-	X11
374X	141	750V C.T. @ 127ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X20
374BX	200	750V C.T. @ 201ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X13
375X	171	800V C.T. @ 155ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X20
378X	237	800V C.T. @ 230ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X22
300BX	280	800V C.T. @ 288ma.	50	5V C.T. @ 1.2A	5V C.T. @ 3A	6.3V C.T. @ 6A	-	X15
378CX	465	800V C.T. @ 534ma.	50	6.3V C.T. @ 6A	-	-	-	X21
379WX	940	800V C.T. @ 1.06 A or 850V C.T. @ 1A	60*	6.3V C.T. @12A	-	-	-	X26
379X	193	850V C.T. @ 173ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	-	-	X22
382X	283	1,000V C.T. @ 230ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	-	-	X15
384X	329	1,200V C.T. @ 230mA	50	5V @ 3A	6.3V @ 3A	6.3V @ 3A		X15

*Note: 60 VAC winding for bias supply - on our 379WX is a separate winding (maximum current of 200 ma.)

Note: See our PDF Design Guide for rectifier use suggestions.

Horizontal Mount ("Z" mounting)

Part No.	VA	A.C. High Voltage Secondary R.M.S.	Bias Tap on High Voltage secondary with C.T Grounded (VAC)	Filament #1 (VAC)	Filament #2 (VAC)	Dimensions A	B	C	D	F	G	H	J
370DAZ	76	520V C.T. @ 104ma.	50	6.3V C.T. @ 3.5A	-	2.25	2.81	3.50	2.50	2.44	1.30	3.38	2.81

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Part No.	VA	A.C. High Voltage Secondary R.M.S.	Bias Tap on High Voltage secondary with C.T Grounded (VAC)	Filament #1 (VAC)	Filament #2 (VAC)	Dimensions A	B	C	D	F	G	H	J
373AZ	49	650V C.T. @ 46ma.	50	5V C.T. @ 2A	6.3V C.T. @ 2A	2.50	2.81	3.45	1.87	2.44	1.25	3.38	2.81
373CZ	159	650V C.T. @ 173ma.	50	5V C.T. @ 3A	6.3V C.T. @ 5A	2.50	3.15	4.08	2.06	2.69	1.84	3.75	3.13
373DZ	101	700V C.T. @ 104ma.	50	5V C.T. @ 2A	6.3V C.T. @ 3A	2.50	3.15	3.60	2.06	2.69	1.39	3.75	3.13
369KZ	188	450V C.T. @ 300 ma.	50	5V C.T. @ 3A	6.3V C.T. @ 6A	2.50	3.12	4.25	2.06	2.69	2.06	3.75	3.12
370KZ	218	500V C.T. @ 300 ma.	50	5V @ 6A	6.3V C.T. @ 6A	3.00	3.75	4.06	2.59	3.38	1.81	4.50	3.75

Vertical Mount ("X" mounting)

Mtg. Style	Dimensions A	B	C	D	E	G - Mtg. Slot
X6	2.50	2.75	3.06	2.00	1.69	.203 X .38
X7	2.50	3.00	3.06	2.00	1.94	.203 X .38
X8	2.50	3.25	3.06	2.00	2.19	.203 X .38
X9	2.50	3.75	3.06	2.00	2.69	.203 X .38
X10	3.13	3.50	3.81	2.50	2.19	.203 X .38
X11	3.13	3.75	3.81	2.50	2.44	.203 X .38
X13	3.75	4.00	4.56	3.00	2.81	.203 X .38
X14	3.75	4.50	4.56	3.00	3.31	.203 X .38
X15	3.75	5.00	4.56	3.00	3.81	.203 X .38
X19	3.13	3.94	3.80	2.50	2.69	.203 X .38
X20	3.13	4.25	3.81	2.50	2.94	.203 X .38
X21	4.38	5.60	5.30	3.50	4.00	.281 X .625
X22	3.75	4.19	4.56	3.00	3.06	.203 X .38
X23	4.38	4.85	5.30	3.50	3.25	.281 X .625
X24	4.38	5.10	5.30	3.50	3.50	.281 X .625
X25	4.38	6.10	5.30	3.50	4.50	.281 X .625
X26	5.28	6.60	6.36	4.25	5.00	.281 X .750

Tags: **classic transformers**, **universal primary**, **high voltage**, **plate**, **filament**

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