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# High Voltage (Plate) & Filament - 32 VA to 454 VA 200 Series

115 V / 125V Primary (60 Hz. Only)

## Features



- Primary 115 VAC, 60 Hz. - except as noted
  - For "universal" primaries and/or 50/60 Hz. operation and other output voltage combinations please see our **300 Series**.
- Enclosed, 4 hole, chassis mount.
- Minimum 6" long leads.
- Units can be run full wave bridge or full wave C.T.
- Class A insulation (105 degrees C).
- Hi-Pot test of 2,000V RMS.
- Conservative designs - CSA certified (209651).
- **NOTE:** A production "running change" has been made to the primary winding - effective with August 2009 production.



## Choice #1 (115 VAC Input):

For those customers who need the 115V input - nothing has changed - simply use the White & Gray wires and tape the Black wire (see above schematic). Note: Gray wire is actually BROWN on only our Part Number 278CX.



## Choice #2 (125 VAC Input):

For those customers who are seeing too high a secondary voltage due to higher primary line voltages (roughly 125V input) - use the White & Black wire and tape the gray wire (see schematic).



**NOTE:** Most of the "Z" mounts do not apply to choices #1 and #2 above. See their respective drawings for available primary voltages.



## CAUTION

**NEVER connect power to BOTH the GRAY & BLACK wire - instantaneous destruction of the transformer will result!**

## Gallery



## Vertical Mount ("X" mounting)

Part No.	Primary			A.C. High Voltage Secondary R.M.S.	Filament #1 (VAC)	Filament #2 (VAC)	Filament#3 (VAC)	Dimensions					Mounting Slot		
	VA	VAC	Hz.					A	B	C	D	F	G		
263AX	32	115	60	200V C.T. @ 115ma.	5V @ 2A	-		1.88	2.44	2.50	1.50	1.56	0.19	x	0.31

Part No.	Primary			A.C. High Voltage Secondary R.M.S.	Filament #1 (VAC)	Filament #2 (VAC)	Filament#3 (VAC)	Dimensions					Mounting Slot		
	VA	VAC	Hz.					A	B	C	D	F	G		
269AAX	66	117	60	200V C.T. @ 250ma.		6.3V C.T. @ 2.5A		2.50	2.75	3.06	2.00	1.69	0.20	x	0.38
263CX	116	115	60	360V C.T. @ 287ma.	5V C.T. @ 3A	-		2.50	3.75	3.06	2.00	2.69	0.20	x	0.38
269AX	40	115	60	250V C.T. @ 115ma.	6.3V @ 2A	-		2.19	2.50	2.63	1.75	1.44	0.19	x	0.25
269BX	38	115	60	300V C.T. @ 86ma.	6.3V @ 2A	-		2.19	2.50	2.63	1.75	1.44	0.19	x	0.25
269EX	43	115	60	380V C.T. @ 71ma.	6.3V @ 2.5A	-		2.19	2.63	2.63	1.75	1.56	0.19	x	0.25
269GX	48	115	60	450V C.T. @ 75ma.	6.3V @ 2.5A	-		2.19	2.63	2.63	1.75	1.56	0.19	x	0.25
269JX	50	115	60	500V C.T. @ 69ma.	6.3V @ 2.5A	-		2.19	2.63	2.63	1.75	1.56	0.19	x	0.25
270AX	42	115	60	480V C.T. @ 58ma.	6.3V @ 2.5A	-		2.19	2.50	2.63	1.75	1.44	0.19	x	0.25
270BX	53	115	60	550V C.T. @ 57.5ma.	5V @ 2A	6.3V @ 2A		2.50	2.75	3.06	2.00	1.69	0.20	x	0.38
270CAX	65	117	50/60	500V C.T. @ 81ma.	5V @ 2A	6.3V @ 2.5A		2.50	3.00	3.13	2.00	2.06	0.20	x	0.38
270CX	59	115	60	550V C.T. @ 75ma.	6.3V @ 0.6A	6.3V @ 2.5A		2.50	2.75	3.06	2.00	1.69	0.20	x	0.38
270DAX	76	117	50/60	520V C.T. @ 104ma.	6.3V @ 3.5A	-		2.50	3.00	3.13	2.00	2.19	0.20	x	0.38
270DX	83	115	60	550V C.T. @ 104ma.	5V @ 2A	6.3V @ 3A		2.50	3.00	3.06	2.00	1.94	0.20	x	0.38
270EX	118	115	60	550V C.T. @ 144ma.	5V @ 3A	6.3V @ 4A		2.50	3.75	3.06	2.00	2.69	0.20	x	0.38
270FX	138	115	60	550V C.T. @ 173ma.	5V @ 3A	6.3V C.T. @ 5A		3.13	3.50	3.81	2.50	2.19	0.20	x	0.38
270HX	176	115	60	550V C.T. @ 230ma.	5V C.T. @ 3A	6.3V C.T. @ 6A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
270X	41	115	60	480V C.T. @ 46ma.	5V @ 2A	6.3V @ 1.5A		2.19	2.50	2.63	1.75	1.44	0.19	x	0.25
271X	63	115	60	560V C.T. @ 69ma.	5V @ 2A	6.3V C.T. @ 2A		2.50	2.75	3.06	2.00	1.69	0.20	x	0.38
272BX	95	115	60	600V C.T. @ 115ma.	5V @ 2A	6.3V @ 3A		2.50	3.25	3.06	2.00	2.19	0.20	x	0.38
272DX	123	115	60	600V C.T. @ 144ma.	5V @ 3A	6.3V @ 4A		2.50	3.75	3.06	2.00	2.69	0.20	x	0.38
272FX	146	115	60	600V C.T. @ 172ma.	5V C.T. @ 3A	6.3V C.T. @ 5A		3.13	3.50	3.81	2.50	2.19	0.20	x	0.38
272HX	186	115	60	600V C.T. @ 230ma.	5V C.T. @ 3A	6.3V C.T. @ 6A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
272JX	236	115	60	600V C.T. @ 287ma.	5V C.T. @ 4A	6.3V C.T. @ 8A		3.75	4.00	4.56	3.00	2.81	0.20	x	0.38
272X	74	115	60	620V C.T. @ 80ma.	5V @ 2A	6.3V @ 2.4A		2.50	3.00	3.06	2.00	1.94	0.20	x	0.38
273BX	182	115	60	700V C.T. @ 201ma.	5V @ 3A	6.3V C.T. @ 5A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
273DX	101	117	50/60	700V C.T. @ 103ma.	5V @ 2A	6.3V C.T. @ 3A		2.88	3.50	3.50	2.25	2.44	0.20	x	0.38
273X	120	115	60	700V C.T. @ 126ma.	5V @ 2A	6.3V C.T. @ 4A		2.50	3.75	3.06	2.00	2.69	0.20	x	0.38
274AX	137	117	50/60	720V C.T. @ 138ma.	5V @ 3A	6.3V C.T. @ 3.5A		3.13	3.50	3.88	2.50	2.38	0.20	x	0.38
274BX	198	115	60	750V C.T. @ 201ma.	5V C.T. @ 3A	6.3V C.T. @ 6A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
274X	138	115	60	750V C.T. @ 126ma.	5V @ 3A	6.3V C.T. @ 5A		3.13	3.50	3.81	2.50	2.19	0.20	x	0.38
275X	167	115	60	800V C.T. @ 155ma.	5V C.T. @ 3A	6.3V C.T. @ 5A		3.13	3.75	3.81	2.50	2.44	0.20	x	0.38
276X	150	115	60	640V C.T. @ 172ma.	5V C.T. @ 3A	6.3V C.T. @ 5A		3.13	3.50	3.81	2.50	2.19	0.20	x	0.38
278CX	454	115	60	800V C.T. @ 535ma.	6.3V C.T. @ 6A	-		3.75	5.00	4.56	3.00	3.81	0.20	x	0.38
278X	229	115	60	800V C.T. @ 230ma.	5V C.T. @ 3A	6.3V C.T. @ 6A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
279X	186	115	60	850V C.T. @ 172ma.	5V @ 3A	6.3V C.T. @ 5A		3.13	4.00	3.81	2.50	2.69	0.20	x	0.38
282X	273	115	60	1,000V C.T. @ 230ma.	5V C.T. @ 3A	6.3V C.T. @ 6A		3.75	4.50	4.56	3.00	3.31	0.20	x	0.38
284X	329	115/125	60	1200V C.T. @ 230ma.	5V @ 3A	6.3V @ 3A	6.3V @ 3A	3.75	4.50	4.56	3.00	3.31	0.20	x	0.38

## Horizontal Mount ("Z" mounting)

Part No.	Primary			A.C. High Voltage Secondary R.M.S.	Filament #1 (VAC)	Filament #2 (VAC)	Dimensions							
	VA	VAC	Hz.				A	B	C	D	F	G	H	J
270DAZ	76	117	60	520V C.T. @ 104ma.	6.3V @ 3.5A	-	2.25	2.88	3.25	1.88	2.38	1.25	3.38	2.81
290HBZ	84	120	60	620Vct @ 150ma	6.3Vct @ 2.25A	5V @ 4A	3.00	3.75	4.00			1.50	4.50	3.75
273AZ	49	117	50/60	650V C.T. @ 46ma.	5V @ 2A	6.3V @ 2A	2.00	2.50	2.50	1.75	2.00	1.06	3.00	2.50
273CZ	159	117	50/60	650V C.T. @ 172ma.	5V @ 3A	6.3V C.T. @ 5A	2.50	3.13	3.81	2.00	2.69	1.33	3.75	3.13
273DZ	101	117	50/60	700V C.T. @ 103ma.	5V @ 2A	6.3V C.T. @ 3A	2.25	2.81	3.63	1.75	2.25	1.50	3.38	2.81

Data subject to change without notice



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