



# RECTIFIER-CONTROL-FILAMENT TRANSFORMERS

- PRIMARY VOLTAGES - 107 VOLTS - 115 VOLTS - 230 VOLTS - 50 OR 60 HZ - 1 PHASE
- SECONDARY VOLTAGES 2.5 VOLTS CT TO 70.0 VOLTS CT & CURRENTS TO 21 AMPS AC
- ALL ARE CHASSIS MOUNTED
- ALL HAVE LEAD TERMINATIONS, EXCEPT 21F45 - 21F59 - 21F61 HAVE SOLDER LUGS
- 23V505 HAS A DUAL SECONDARY

Part Number	Secondary		Primary Volts	Insulation Test RMS Volts	Style	Dimensions-Inches					Wt. Lbs.
	RMS					Case			Mounting		
	Volts	Amps				H	W	D	MW	MD	
21F191	2.5CT	0.3	117	1500	BAH	1 1/4	2 1/8	1 5/16	1 3/4	—	0.3
21F192	2.5	1.0	117	1500	BAH	1 3/8	2 3/8	1 3/8	2	—	0.4
21F34	2.5	1.5	117	2500	BAH	1 5/8	2 7/8	1 1/2	2 3/8	—	0.7
21F120	2.5CT	3.0	115	1500	BAH	1 5/8	2 7/8	1 3/4	2 3/8	—	0.7
21F31	2.5CT	5.0	117	7500	BAV	2 3/4	2 1/8	2 1/8	2 13/16	—	1.5
21F103	2.5CT	10.0	107/117	7500	BAV	3 1/8	3 5/8	2 1/2	3 1/8	—	2.5
21F94	5.0CT	3.0	115	2500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.4
21F60	5.0CT	6.0	115	1500	BAH	2 1/4	3 11/16	2 1/4	3 1/8	—	1.7
21F105	5.0CT	6.0	107/117	2500	BAV	2 3/4	3 1/8	2 1/8	2 13/16	—	2.0
21F13	5.0CT	10.0	117	2500	LAV	3 1/8	2 9/16	3 1/8	2	2 5/8	3.5
26F66	5.0CT	15.0	117	2500	LAV	3 1/8	2 1/2	3	2	—	3.0
21F07A	5.0CT	29.0	117	2500	LAV	3 7/8	3 3/16	3 1/4	2 1/2	2 1/4	5.9
26F73	6.3CT	0.3	117	1500	BAH	1 1/4	2 1/8	1 3/8	3 1/4	—	0.3
21F162	6.3CT	0.6	117	1500	BAH	1 3/8	2 3/8	1 7/16	2	—	0.4
21F143	6.3CT	1.0	117	1500	BAH	1 5/8	2 7/8	1 5/8	2 3/8	—	0.6
21F09	6.3CT	1.2	117	2500	BAH	1 5/8	2 7/8	1 5/8	2 3/8	—	0.8
21F212	6.3	1.2	117	2500	BAH	1 5/8	2 7/8	1 1/2	2 3/8	—	0.7
26F60	6.3	1.2	117	7000	BAH	2	3 1/4	2 1/4	3 13/16	—	1.0
21F10	6.3CT	3.0	117	2500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.4
21F204	6.3CT	5.0	115	1500	BAH	2 3/8	3 3/4	2 1/4	3 1/8	—	1.8
##21F59	6.3CT	6.0	117	2500	LHV	3 1/8	2 9/16	2 7/16	2	2	2.4
21F72	6.3CT	6.0	107/117	2500	BAH	2 3/8	3 3/4	2 3/8	3 1/8	—	2.0
21F12	6.3CT	10.0	117	2500	LAV	3 1/8	2 1/2	2 1/2	2	2 1/4	3.0
##21F43	6.3CT	10.0	107/117	2500	LAV	3 1/2	2 7/8	2 3/4	2 1/4	2 1/8	3.4
##21F25	6.3CT	20.0	107/117	2500	LAV	4 9/16	3 13/16	3 3/8	3	2 3/8	6.7
##21F45	7.5CT	4.0	117	2500	LHV	3 1/8	2 9/16	2 11/16	2	2 1/8	2.7
## 21F62	7.5CT	8.0	117	2500	LAV	3 13/16	3 13/16	3	2 1/2	2 3/8	4.7
21F111	7.5CT	21.0	107/117	2500	GGV	4 5/8	3 3/4	4	3	2 13/16	8.0
21F205	10.0CT	1.0	117	1500	BAH	2	3 1/4	1 5/8	2 13/16	—	0.9
26F71	10.0CT	3.0	115	1500	BAH	2 3/8	3 3/4	2 1/4	3 1/8	—	1.6
21F207	10.0CT	4.0	117	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	2.3
##21F61	10.0CT	4.0	117	2500	LHV	3 7/16	2 7/8	2 9/16	2 1/4	—	3.3
21F18	10.0CT	5.0	117	2500	LAV	3 1/16	2 9/16	2 1/2	2	2	2.5
21F209	10.0CT	8.0	117	1500	LAV	3 7/16	2 13/16	3 1/8	2 1/4	2 1/2	4.1
21F28	10.0CT	8.0	117	2500	LAV	3 7/8	3 3/16	3 3/8	2 1/2	2 5/8	4.9
21F112	10.0CT	10.0	117	2000	GGV	3 13/16	3 1/8	3 11/16	2 1/2	2 7/16	5.2
21F173	10.0CT	10.0	117	2000	LAV	4 1/8	3 1/2	3 1/4	2 3/4	2 3/8	7.5
23V252	12.0	0.15	117	1500	BAH	1 1/4	2 1/16	1 1/4	1 3/4	—	0.3
23V253	12.0	0.35	117	1500	BAH	1 3/8	2 3/8	1 7/16	2	—	0.4
23V254	12.0	0.70	117	1500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.6
23V255	12.0	1.2	117	1500	BAH	2	3 1/4	1 3/4	2 13/16	—	0.9
23V415	12.0	2.0	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.3
23V416	12.0	4.0	117	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	2.3
23V417	12.0	6.0	117	1500	LAV	3 7/16	2 13/16	2 5/8	2 1/4	2 1/8	3.4
23V418	12.0	8.0	117	1500	LAV	3 13/16	3 1/8	2 3/4	2 1/2	2 1/8	4.3
21F52 @	12.6	3.5	117	2500	GGV	3 1/2	2 7/8	3 7/8	2 1/4	2 5/8	5.0
	12.6	3.5								—	
26F72	12.6CT	1.0	117	1500	BAH	2	3 1/4	1 3/4	2 13/16	—	0.9
21F149	12.6CT	1.5	117	1500	BAH	2	3 1/4	2	2 13/16	—	1.0
26F67	12.6CT	2.0	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.1
21F201	12.6CT	2.0	230	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.8
21F150	12.6CT	3.0	115	1500	BAH	2 1/4	3 11/16	2 1/4	3 1/8	—	1.8
21F193	12.6CT	4.0	117	1500	BAH	2 5/8	4	2 3/8	3 9/16	—	2.5
21F194	12.6CT	6.0	117	1500	GGV	3 1/2	2 13/16	3 3/8	2 1/4	2 1/8	3.5
21F195	12.6CT	8.0	117	1500	GGV	3 7/8	3 1/8	3 3/8	2 1/2	2 3/16	4.5
21F196	12.6CT	10.0	117	1500	GGV	4 1/4	3 7/16	3 7/8	2 3/4	2 11/16	5.5
23V532	14.0CT	0.25	115/230	1500	BAH	1 3/8	2 3/8	1 1/2	2	—	0.3
23V524	14.0CT	0.25	115	1500	BAH	1 3/8	2 3/8	1 3/8	2	—	0.4
23V470	14.0CT	1.0	115	1500	BAH	2	3 1/4	1 3/4	2 13/16	—	1.2
23V471	14.0CT	2.0	115	1500	BAH	2 1/4	3 11/16	2	3 1/8	—	1.5
23V526	14.0CT	4.0	115	1500	LAV	3	2 1/2	2 5/8	2	—	3.0
23V472	14.0CT	6.0	115	1500	LAV	3 1/2	2 7/8	2 7/8	2 1/4	2 3/8	4.0
23V543	18.0CT	1.0	115	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
##23V544	18.0	1.5	115	1500	BAH	2 1/4	3 11/16	2 1/8	3 1/8	—	1.7
23V545	18.0CT	2.0	115	1500	BAH	2 1/4	3 11/16	2 1/4	3 1/8	—	2.0
23V505 \$@	18.0CT	8.0	115	1500	LHH	3 3/4	4 1/2	3 3/4	3 3/4	2 3/4	8.0
	18.0CT	8.0								—	
23V512	20.0CT	0.10	115/230	2500	BAH	1 9/32	2 1/16	1 1/4	1 3/4	—	0.4
23V513	20.0CT	0.15	115/230	2500	BAH	1 9/32	2 1/16	1 1/4	1 3/4	—	0.4
23V514	20.0CT	0.20	115/230	2500	BAH	1 3/8	2 3/8	1 3/8	2	—	0.4
23V515	20.0CT	0.25	115/230	2500	BAH	1 3/8	2 3/8	1 3/8	2	—	0.4
23V516	20.0CT	0.30	115/230	2500	BAH	1 3/8	2 3/8	1 7/16	2	—	0.6
23V517	20.0CT	0.40	115/230	2500	BAH	1 5/8	2 13/16	1 1/2	2 3/8	—	0.6
23V518	20.0CT	0.50	115/230	2500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.8
23V519	20.0CT	1.0	115/230	2500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.4
23V474	20.0CT	2.0	115	1500	BAH	2 9/16	4	2 1/4	3 9/16	—	2.5
23V527	20.0CT	4.0	115	1500	BAH	3 3/8	2 13/16	2 7/8	2 1/4	2 3/8	4.0

\* Primary Taps provide Secondary Voltages of 24.5CT or 26.0CT or 27.5CT or 29.0CT

\*\* Primary Taps provide Secondary Voltages of 45.0CT or 48.0CT or 51.0CT or 54.0CT

@ Multiple Secondaries

## Has Electrostatic Shield

\$ 60Hz only



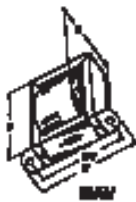
# RECTIFIER-CONTROL-FILAMENT TRANSFORMERS



Part Number	Secondary		Primary Volts	Insulation Test RMS Volts	Style	Dimensions-Inches					Wt. Lbs.
	RMS					Case			Mounting		
	Volts	Amps				H	W	D	MW	MD	
23V256	24.OCT	0.085	117	1500	BAH	1 1/4	2 1/16	1 1/2	1 3/4	—	0.3
23V401	24.OCT	0.085	230	1500	BAH	1 1/4	2 1/16	1 3/8	1 3/4	—	0.3
23V257	24.OCT	0.20	117	1500	BAH	1 3/8	2 3/8	1 1/2	2	—	0.4
23V402	24.OCT	0.20	230	1500	BAH	1 3/8	2 3/8	1 1/2	2	—	0.4
23V258	24.OCT	0.40	117	1500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.8
23V259	24.OCT	0.70	117	1500	BAH	2	3 1/4	1 3/4	2 13/16	—	0.9
23V404	24.OCT	0.70	230	1500	BAH	2	3 1/4	1 3/4	2 13/16	—	0.9
26F68	24.0	1.0	117	2500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
21F84	24.OCT	1.0	115	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
21F181	24.OCT	1.0	115/230	1500	BAH	2	3 5/16	2 1/8	2 13/16	—	1.5
23V552 S	24.0	2.0	115	1500	BAH	2 5/8	4	2 1/16	3 9/16	—	2.3
23V478	24.OCT	2.0	115	1500	BAH	2 5/8	4	2 3/8	3 9/16	—	2.3
23V419	24.OCT	4.0	117	1500	LAV	3 13/16	3 1/8	2 13/16	2 1/2	2 1/8	4.0
23V420	24.OCT	6.0	117	1500	LAV	4 3/16	3 7/16	3	2 3/4	2 1/4	5.7
23V421	24.OCT	8.0	117	1500	LAV	4 3/16	3 7/16	3 7/16	2 3/4	2 3/4	7.3
23V546	24.OCT	10.0	115	1500	LAV	4 3/16	3 1/2	3/4	2 3/4	3	8.0
23V422	24.OCT	12.0	117	1500	LAV	4 9/16	3 3/4	4 5/8	3	3 1/4	11.5
21F51	25.2	1.0	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
21F159	25.2	1.0	230	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
21F142	25.2CT	1.0	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.5
21F83	25.2CT	2.0	115	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	2.2
21F180	25.2CT	2.0	115/230	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	2.2
21F114	25.2CT	3.0	117	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	2.2
21F197	25.2CT	5.0	117	1500	GGV	4 1/4	3 7/16	3 7/8	2 3/4	2 11/16	5.5
21F198	25.2CT	7.5	117	1500	GGV	4 1/4	3 7/16	4 1/4	2 3/4	3 1/16	7.5
21F188 *	26.0OCT	0.04	117 *	2500	BAH	1 1/4	2 1/16	1 1/2	1 3/4	—	0.3
21F189 *	Nominal 26.0OCT Nominal	0.25	117 *	2500	BAH	1 5/8	2 13/16	1 3/4	2 3/8	—	0.6
21F27	26.5CT	0.6	117	3000	BAH	2	3 1/4	2 1/8	2 13/16	—	1.6
21F82	26.8CT	1.0	115	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.6
23V270	26.8CT	1.7	115	1500	BAH	2 5/8	4	2 1/4*	3 9/16	—	2.3
23V379	28.OCT	0.085	117	1500	BAH	1 1/4	2 1/16	1 3/8	1 3/4	—	0.3
23V381	28.OCT	0.3	117	1500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.6
23V382	28.OCT	0.8	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.0
23V423	28.OCT	1.0	117	1500	BAH	2	3 1/4	2 1/8	2 13/16	—	1.4
23V424	28.OCT	2.0	117	1500	LAV	3 1/8	2 1/2	2 1/2	2	2 3/16	2.9
23V425	28.OCT	4.0	117	1500	LAV	3 13/16	3 1/8	3 1/4	2 1/2	2 1/2	5.3
23V426	28.OCT	6.0	117	1500	LAV	4 3/16	3 7/16	3 1/2	2 3/4	2 5/8	7.0
23V479	30.OCT	1.0	115	1500	BAH	2 1/4	3 11/16	2	3 1/8	—	1.5
23V525	30.OCT	1.7	115	1500	BAH	2 5/8	4	2 1/4	3 9/16	—	1.5
23V480	30.OCT	2.0	115	1500	LAV	3 1/8	2 9/16	2 5/8	2	2 3/8	3.2
23V528	30.OCT	4.0	115	1500	LAV	3 7/8	3 1/8	3 1/8	2 1/2	2 5/8	5.8
23V531	30.OCT	1.5	115/230	1500	BAH	2 5/8	4	2 5/16	3 9/16	—	2.2
23V384	36.OCT	0.065	117	1500	BAH	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
23V405	36.OCT	0.065	230	1500	BAH	1 1/4	2 1/8	1 3/8	1 3/4	—	0.3
23V385	36.OCT	0.135	117	1500	BAH	1 3/8	2 3/8	1 7/16	2	—	0.4
23V386	36.OCT	0.3	117	1500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.7
23V387	36.OCT	0.55	117	1500	BAH	2	3 1/4	1 7/8	2 13/16	—	1.0
23V427	36.OCT	1.0	117	1500	LAV	2 3/8	3 3/4	2 3/8	3 1/8	—	2.0
23V428	36.OCT	2.0	117	1500	LAV	3 7/16	2 13/16	2 3/4	2 1/4	2 1/8	3.4
23V429	36.OCT	4.0	117	1500	LAV	4 3/16	3 7/8	3 1/8	2 3/4	2 3/8	6.1
23V430	36.OCT	6.0	117	1500	LAV	4 9/16	3 3/4	3 5/8	3	2 5/8	8.5
23V520	40.OCT	0.12	115/230	2500	BAH	1 3/8	2 3/8	1 3/8	2	—	0.5
23V521	40.OCT	0.2	115/230	2500	BAH	1 5/8	2 13/16	1 1/2	2 3/8	—	0.6
23V522	40.OCT	0.25	115/230	2500	BAH	1 5/8	2 13/16	1 5/8	2 3/8	—	0.8
23V458	40.OCT	1.0	115	1500	BAH	2 5/8	4	2 5/16	3 9/16	—	2.6
23V459	40.OCT	2.0	115	1500	LAV	3 1/2	2 7/8	2 7/8	2 1/4	2 3/8	4.0
23V529	40.OCT	4.0	115	1500	LAV	3 7/8	3 1/8	3 1/2	2 1/2	2 7/8	6.3
21F187 **	48.OCT Nominal	1.0	117 **	2500	BAH	2 5/8	4	2 3/8	3 9/16	—	2.3
23V466	50.OCT	1.0	115	1500	BAH	2 5/8	4	2 5/16	3 9/16	—	2.5
23V530	50.OCT	4.0	115	1500	LAV	4 3/16	3 7/16	3 1/2	2 3/4	2 3/4	7.5
23V523	60.OCT	0.4	115	1500	BAH	2	3 1/4	2	2 13/16	—	1.3
23V464	60.OCT	1.0	115	1500	LAV	3	2 1/2	2 5/16	2	2 3/8	3.4
23V465	60.OCT	2.0	115	1500	LAV	3 13/16	3 1/8	2 7/8	2 1/2	2 5/8	5.7
23V468	70.OCT	1.0	115	1500	LAV	3 1/2	2 7/8	3 1/2	2 1/4	2 1/4	4.1



BAH



BAH



BAH



LAV



LHH