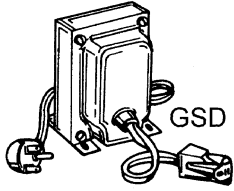


TRANSFORMERS

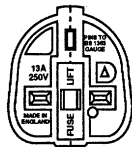


ENCASED STEP-UP AUTO X-FORMER* (115v up to 230v)	
V.A.	PART #
300	P-8639 STA
500	P-8640 STA
1000	P-8689 STA

*Comes with U.S. 110v male plug and U.S. 220v receptacle.

ENCASED STEP-DOWN X-FORMERS* (230v down to 115v)	
V.A.	PART #
75	GSD-75 STA
150	GSD-150 STA
300	GSD-300 STA
500	GSD-500 STA
1000	GSD-1000 STA
1500	GSD-1500 STA

*Comes with 3 cond. line cord & receptacle, American style.

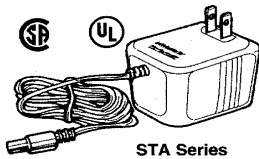


INTERNATIONAL ADAPTER PLUGS*

American 220 female/ European 220 male
 European 220 female/ American 220 male
 European 220 female/ British 220 male

ADT-30100 STA
ADT-30120 STA
ADT-30140 STA

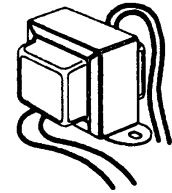
*descriptions are of what is actually on each end of the adapter. For use with Step-Up/Down transformers (see above).



AC WALL WARTS (plug in the wall, unregulated)		
AC VOLTS	mA	PART #
12	500	STA-4112A STA
12	3.33 (40 VA)	RT1240 REV (screw term.)
18	300	STA-4118 STA
18	880	W180AUM88-1 STA
24	1.66 (40 VA)	RT2440 REV (screw term.)

AC Transformers, 115V		
2.5 VCT	5 A 10 A	P-6133 STA P-6454 STA
5VCT	3 A 10 A 15 A 30 A	P-6467 STA P-6135 STA P-6135 STA 167X5 HAM
6.3v	1 Amp	P-8389 STA
6.3 VCT	.3 A .6 A 1.2 A 3 A 4 A 5 A 6 A 8 A 10 A	P-8385 STA P-6465 or 21F162 P-6134 STA P-6466 STA P-8648 STA P-8649 STA P-6456 STA P-8651 STA P-6464 STA
10 VCT	1 A 2 A 3 A 10 A	P-8652 STA P-8653 STA P-8380 or 26F71 P-6461 STA
12v	.15 A .35 A .70 A 1.2 A 2 A 4 A 6 A 8 A	P-8390 STA P-8391 STA P-8392 STA P-8393 STA P-8657 STA P-8658 STA P-8659 STA P-8660 STA
12.6 VCT	1 A 1.5 A 2 A 3 A 4 A 6 A 8 A 10 A	P-8384 STA 21F149 THO P-8130 STA P-8358 STA P-8641 STA P-8642 STA P-8643 STA P-8644 STA
14 VCT	1 A 2 A 4 A	P-8555 STA P-8556 STA P-8557 STA
18 VCT	1 A 1.5 A 2 A	P-8691 or 23V543 P-8692 STA P-8693 STA
20 VCT	1 A 4 A	P-8604 STA P-8605 STA
24 VCT	.085 A .20 A .40 A .70 A 1 A 2 A 4 A 6 A 8 A 12 A	P-8394 or 23V256 P-8395 STA P-8396 STA P-8397 STA P-8661 STA P-8662 STA P-8663 or CFP709 P-8664 STA P-8665 STA P-8666 STA
25.2 VCT	1 A 2 A 2.8 A 5 A	P-8180 STA P-8357 STA P-8388 STA P-8645 STA
26VCT	0.25 A	P-8607 STA
28 VCT	.175 A .300 A .800 A 1 A 2 A 4 A 6 A	P-8601 STA P-8602 STA P-8603 STA P-8667 STA P-8668 or 23V424 P-8669 STA P-8670 STA
30 VCT	2 A 4 A	P-8562 STA 23V528 THO
36 VCT	.065 A .135 A .300 A .550 A 1 A 2 A 4 A 6 A	P-8610 STA P-8611 STA P-8612 STA P-8613 STA P-8671 STA P-8672 STA P-8673 STA P-8674 STA
48VCT	1 Amp	P-8605 STA

*dual primary, 115 & 230 VAC. All others are 115 VAC only.



MULTIPLE SEC. X-FORMERS (115/230V pri.)		
SEC VOLTS	SEC. AMPS	STANCOR #
DUAL 6	1 2	P-6375 P-6376
6.3 6.3 6.3 6.3CT	3.5	P-6429
DUAL 12	2 4 8	P-6377 P-6378 P-6379
TRIPLE 12	.1 .15 .25 .50	P-8361 P-8362 P-8363 P-8364
DUAL 12CT	4	P-8678
12.6 12.6CT	2.5	P-6434
DUAL 18CT	1 2 8	P-8684 P-8685 P-8687
DUAL 24	0.5 2	P-8616 P-8618



HAMMOND MANUFACTURING
 hammondmfg.com

VARIACS—For variable AC transformers, see §of Ack catalog entitled "Variacs."

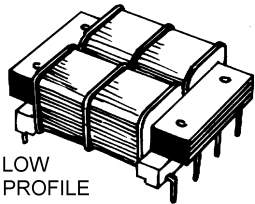
STANCOR

TRANSFORMERS



ENCASED ISOLATION X-FORMERS* (115v/115v)	
V.A.	PART #
50	P-6410 STA
100	GIS-100 STA
150	GIS-150 STA
500	GIS-500 STA
1000	GIS-1000 STA
Encased w/line cord & receptacle.	

ISOLATION XFORMERS 115V/115V (pig tail leads)		
V.A.	AMPS	PART #
6	0.005	P-6413 STA
15	0.13	P-6411 STA



AUDIO XFORMERS					
TYPE	PRIMARY IMPEDANCE	SECONDARY IMPEDANCE	POWER STEPS IN WATTS	FREQ. RESPONSE Hz	PART #
70v line to speaker voice coil	25 & 70v line	8	¼, ½, 1, 2, 5w	100 - 20K	TBLUB QAM
	70v line	8	½, 1, 2, 4, 8w	100 - 10K	TCL70B QAM
	70v line @ 312, 625, 1250, 2500, 5000, 10,000	4, 8, 16	16, 8, 4, 2, 1, ½w	40-15K	A-8103 STA
	70v line @ 1000, 1250, 1667, 2500, 5000	8, 16	5, 4, 3, 2, 1w	50-20K	A-8080 STA
microphone input	50-250 ohms lo-Z unbalanced	hi-Z balanced line	-	-	MT-3 RAY octal base
speaker voice coil to 70v line	8/16	70v line	100w	50-10K	119Y100 HAM
telephone coupling	600	600/600	0 dcmA	300-3.5K	TTPC-9 STA
telephone coupling	600	600CT split	90 dcmA	300-3.5K	TTPC-13 STA
telephone coupling	600CT	600CT	0 dcmA	300-3.5K	TTPC-1 STA TTPC-8 STA
input-output ISOLATION	600CT	600CT	200mW	150-15K	145E HAM
low profile, pc mount	600CT	600	150mW	200-50K	141H HAM
Push-pull tube circuits	5000CT	4, 8, 16	100w	30-30K	1650R HAM

QC-10 QUAM — 70v, 20 watt autotransformer attenuator, 10 plus "0" (off) positions, total attenuation is 36 dB. Comes with single gange brushed stainless steel plate & knob.
 35LC2 LOW — 70v, 35 watt attenuator, 10 plus "0" (off) positions, 36 dB total, 2 gang mounting stainless steel plate w/knob.
 QC-100 QUAM — Same as QC-10 (above) except 100 watts.

STANCOR

PC MOUNT LOW PROFILE TRANSFORMERS DUAL 115V/230V PRIMARY			
PRIMARY	SERIES SECONDARY	PARALLEL SECONDARY	PART #
115V	12.6VCT @ 200mA	6.3V @ 400mA	MIM423 THO
115/230V	16VCT @ 375mA	8V @ 750mA	FP16-375 TRI
115/230V	16VCT @ 750mA	8V @ 1.5A	FP16-750 TRI
115/230V	20VCT @ 600mA	10V @ 1.2A	FP20-600 TRI
115/230V	24VCT @ 250mA	12V @ 500mA	PFC242 THO
115V	24VCT @ 500mA	12V @ 1A	F24-500 TRI
115/230V	24VCT @ 500mA	12V @ 1A	FP24-500 TRI
115/230V	30VCT @ 200mA	15V @ 400 mA	PFC192 THO
115/230V	30VCT @ 400mA	15V @ 800mA	FP30-400TRI

TUBE AMP CHOKES			
H	mA	OHMS	HAMMOND #
1.5H	200mA/400VDC	56 ohms	156R HAM
1.5H	250mA/400VDC	60 ohms	158S HAM
3.5H	150mA/400VDC	68 ohms	157Q HAM
5H	150mA/400VDC	105 ohms	158Q HAM

FILAMENT/PLATE X-FORMERS			
PLATE WINDING	FILAMENT #1	FILAMENT #2	PART #
250vct 130mA	6.3V	n/a	261G6 HAM
400-0-400V, 200mA	5V, 3A	6.3VCT, 6A	278X HAM

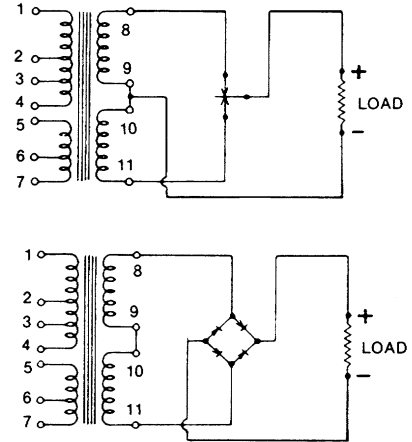
Q. What casuses transformers to hum?
 A. Not knowing the words!

TRANSFORMERS



1	2	3	4	5	6	7
RT-201	C.T.	11.7 to 29.4	11.2	2.0	13.8	2.0
	Bridge	11.1 to 28.5	23.0	1.25	30.0	1.25
RT-202	C.T.	12.0 to 29.8	11.1	4.0	14.7	4.0
	Bridge	12.0 to 29.8	24.3	2.0	33.0	2.0
RT-204	C.T.	11.7 to 29.2	12.0	8.0	14.5	8.0
	Bridge	11.6 to 29.2	24.0	4.0	32.4	4.0
RT-206	C.T.	12.0 to 29.7	11.5	12.0	14.4	12.0
	Bridge	12.0 to 29.7	24.0	6.0	32.0	6.0
RT-208	C.T.	12.1 to 29.2	11.4	15.0	14.8	15.0
	Bridge	12.1 to 29.2	23.7	8.0	32.5	8.0
RT-401	C.T.	24.0 to 59.0	25.0	2.0	34.0	2.0
	Bridge	24.0 to 59.0	52.5	1.0	73.5	1.0
RT-402	C.T.	23.0 to 58.0	25.0	4.0	33.5	4.0
	Bridge	23.0 to 58.0	51.5	2.0	72.5	2.0

1=Stancor Part #.
2=Rectifier Circuit.
3=Range of applied AC volts under load.
4=Output resistive or inductive load max. DC volts.
5=Output resistive or inductive load max. DC amps.
6=Output capacitive load max. DC volts.
7=Output capacitive load max. DC amps.



STANCOR RECTIFIER TRANSFORMERS

Each transformer has the winding arrangement and terminal numbering shown in the schematic diagrams above. The primary windings may be used in series to raise or lower the secondary voltage output. A variety of combinations is possible using the taps on both windings for "Aiding" or "Bucking" action.

Designed for 117 V, 50/60 cycle operation; however, may be satisfactorily operated at 400 cycles.

The secondary winding of each transformer consists of two identical windings connected to terminals 8 & 9 and to 10 & 11 respectively. Use the tables showing the various output voltages for specific terminal connections as your guide. Many combinations are possible other than those listed in the tables. All ratings shown are for normal convection air cooled applications. Select only rectifiers capable of handling the output voltages and currents described.

When operating these transformers continuously at maximum rated output voltage and current and because of certain other conditions, it is sometimes necessary to derate the rectified output current (D.C.) as much as 20%, in order to stay within the recommended operating temperature limit of 105 degrees Centigrade. The type of rectifier circuit and load (capacitive, inductive or resistive) determines the relative amount of current (RMS) in the transformer secondary winding. The relationship of AC. to D.C. (secondary RMS current to rectified D.C. output) for typical circuits and loads is given in the Technical Data on Page 38 of this catalog. Operating duty cycle, type of cooling (natural convection in free air or otherwise) and the power line input voltage and frequency also have an effect on the transformer temperature. These things should all be properly related to the results in any specific application.

The "RT-Series" of transformers may also be used in other rectifier circuits than the Full-wave C.T. and Full-wave Bridge shown above. In circuits such as the Half-wave or Full-wave Voltage Doubler (symmetrical) and Full-wave Bridge, where a C.T. connection is not required, both secondary windings may be connected in parallel, to double the RMS current that is available from each secondary separately. The RMS voltage will, of course, be half of the amount available as that obtained with the secondaries connected in series. Please refer to the adjacent data to obtain the secondary RMS current as related to each rectifier circuit and type of load.

Voltages expressed in the tables are approximate and will vary within plus or minus two (2) Volts.