

# AC-AC WALL PLUG-IN TRANSFORMERS

## 120 VAC, 60 Hz. AND 220VAC, 50Hz.



File No. E82180



File No. LR38236



File No. 7969-3330, 7969-3331

### FEATURES

- UL Class II Xfmrs-UL 1310.
- UL 544 Medical Capability
- Thermal Overload Protection.
- 100% Testing
- Screw terminal models
- Transformer: 3 flange bobbin.
- US 3-Blade Ground Plug Available.
- Temp. Range: 0 to +40°C.
- Case Temp. Rise: ≤35°C.
- Output cords available
- Oper. Humidity: 10-90% RH.
- Material: Black ABS resin/UL 94-V0.
- No Audible Noise.
- Mounting Tab Available.

### AC-AC CLASS 2 TRANSFORMERS-120VAC,60HZ. (FIGURE 1)

Model	2.5	500	2.15	1.70	3.20	UL*	L	P
310A0001	9.0	800	7.75	9.20	10.90	UL*	L	M
420A0003	9.0	1500	7.85	10.00	11.25	UL	L	I
825A007G	11.0	600	9.85	12.35	13.65	UL*	L	I
420A0001	12.0	110	11.00	13.70	15.30	UL*	C	I
310A0002	12.0	1300	10.50	13.50	15.90	UL	C	I
825A0001	14.0	500	12.60	15.85	17.75	UL	L	I
420A0002	14.0	770	12.25	15.50	18.30	UL*	L	I
420A0008	16.5	600	14.10	18.25	19.90	UL	C	I
818A0001	17CT	500	16.00	20.10	23.40	UL	L	V
825A0002	18.0	980	15.95	21.50	22.90	UL	C	I
420A0005	24.0	450	20.60	26.50	30.50	UL*	L	I
825A0003	24.0	660	21.00	26.60	30.25	UL	C	I

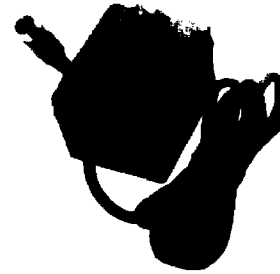


FIG. 1 UL/CSA



FIG. 2 SCREW TERMINAL

### SCREW TERMINAL TYPE-120VAC, 60HZ. (FIGURE 2).

Model	10.0	1200	8.60	11.40	12.75	UL	L	SCRW
820A0060-03	10CT	1600	8.70	11.30	12.65	UL	L	SCRW
830A0060-03	10.0	2000	8.60	11.20	12.55	UL	L	SCRW
820A0061-03	12.0	1000	10.25	13.75	15.40	UL	L	SCRW
825A0051-03	12CT	1330	10.40	13.60	15.25	UL	L	SCRW
830A0061-03	12.0	1600	10.55	13.75	15.30	UL	L	SCRW
820A0062-03	14.0	850	12.05	15.70	17.55	UL	L	SCRW
825A0052-03	14CT	1140	12.00	15.60	17.45	UL	L	SCRW
830A0062-03	14.0	1430	11.90	15.50	17.35	UL	L	SCRW
820A0063-03	16.0	750	13.50	17.70	20.10	UL	L	SCRW
825A0053-03	16CT	1000	13.80	18.05	20.05	UL	L	SCRW
830A0063-03	16.0	1250	13.65	17.90	19.90	UL	L	SCRW
820A0064-03	18.0	650	15.45	20.30	22.65	UL	L	SCRW
825A0054-03	18CT	880	15.45	20.30	22.70	UL	L	SCRW
830A0064-03	18.0	1110	15.35	20.25	22.60	UL	L	SCRW
820A0065-03	20.0	600	17.00	22.35	25.10	UL	L	SCRW
825A0055-03	20CT	800	17.10	22.40	25.10	UL	L	SCRW
830A0065-03	20.0	1000	16.95	22.30	25.05	UL	L	SCRW
820A0066-03	22.0	550	18.85	24.85	27.80	UL	L	SCRW
825A0056-03	22CT	720	18.75	24.75	27.65	UL	L	SCRW
830A0066-03	22.0	900	18.70	24.70	27.60	UL	L	SCRW
820A0067-03	24.0	500	20.70	26.95	30.10	UL	L	SCRW
825A0057-03	24CT	660	20.60	26.85	29.95	UL	L	SCRW
830A0067-03	24.0	830	20.60	26.85	30.00	UL	L	SCRW

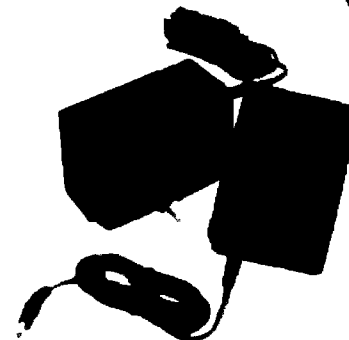


FIG. 3 VDE

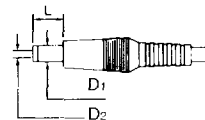


FIG. 4 FEMALE

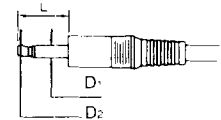


FIG. 5 MALE

### OUTPUT PLUG DIMENSIONS

Model	5.5	2.10	9.5	Model	4
I	5.5	2.10	9.5	FEMALE	4
M	5.5	2.55	9.5	FEMALE	4
O	5.5	2.55	12.4	FEMALE	4
P	2.5	2.30	11.0	FEMALE	5
V	3 POS. AMP 102241-1 MOLDED				N/A

Note 1: Typ. output VAC for load & line shown

Note 2: UL, UL 1310 Listed

UL: UL 1310 & UL 1411 Transformer

Note 3: Complies (C) or listed (L) to CSA 22.2 No. 223/66

Note 4: Screw term.: 4ea. #6-32; input gnd & output screw term gnd.

### AC-AC TRANSFORMER-220VAC,50Hz. - VDE APPROVED (FIGURE 3)

Model	9.5	150	9.40	11.80	18.50	I
310F0006	12.0	100	10.00	14.00	18.70	I

Note 5: Typical output voltage for 1/2 load (FL) and line (VAC) as indicated

### MECHANICAL DIMENSIONS TABLE

Model	60 (2.36)	45 (1.77)	35 (1.38)	150 (5.29)	1
310A	58 (2.28)	45 (1.77)	39 (1.54)	190 (6.70)	3
420A	61 (2.40)	55 (2.17)	41 (1.62)	270 (9.52)	1
816A	81 (3.19)	59 (2.32)	52 (2.05)	297 (10.49)	1
818A	51 (2.01)	60 (2.36)	50 (1.97)	330 (11.64)	1
820A-03	75 (2.95)	63 (2.48)	50 (1.97)	400 (14.13)	2
825A	82 (3.23)	60 (2.36)	55 (2.17)	490 (17.28)	1
825A-03	75 (2.95)	63 (2.48)	50 (1.97)	470 (16.58)	2
830A-03	75 (2.95)	63 (2.48)	50 (1.97)	530 (18.73)	2