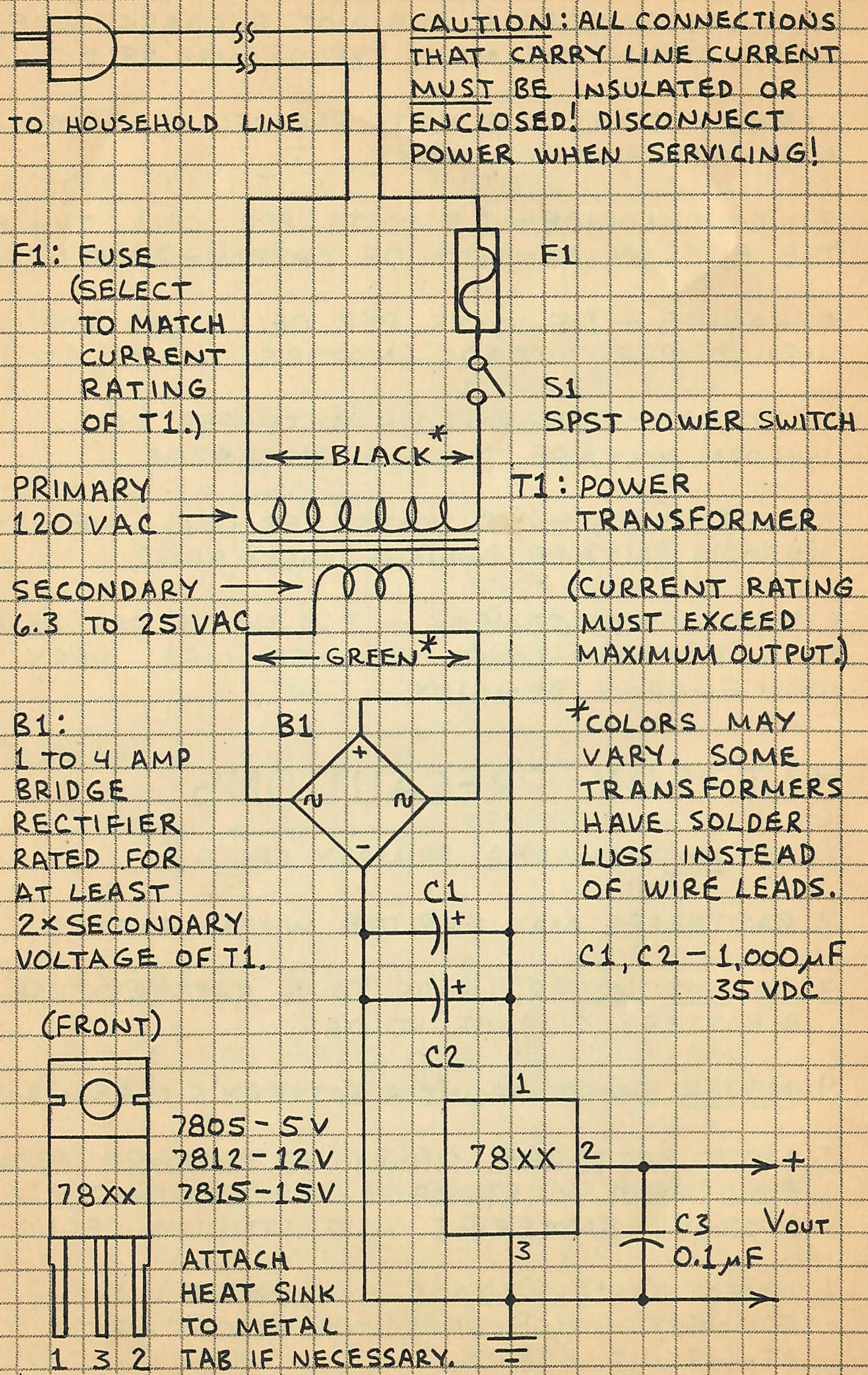


LINE-POWERED SUPPLY



RESISTOR COLOR CODE



BLACK	0	0	x 1
BROWN	1	1	x 10
RED	2	2	x 100
ORANGE	3	3	x 1,000
YELLOW	4	4	x 10,000
GREEN	5	5	x 100,000
BLUE	6	6	x 1,000,000
VIOLET	7	7	x 10,000,000
GRAY	8	8	x 100,000,000
WHITE	9	9	—

FOURTH BAND INDICATES TOLERANCE (ACCURACY):
 GOLD = ±5% SILVER = ±10% NONE = ±20%

OHM'S LAW: $V = IR$ $R = V/I$
 $I = V/R$ $P = VI = I^2R$

ABBREVIATIONS

- A = AMPERE
- F = FARAD
- I = CURRENT
- P = POWER
- R = RESISTANCE
- V (OR E) = VOLT
- W = WATT
- Ω = OHM

- M (MEG-) = x 1,000,000
- K (KILO-) = x 1,000
- m (MILLI-) = .001
- μ (MICRO-) = .000 001
- n (NANO-) = .000 000 001
- p (PICO-) = .000 000 000 001