

CIRCUIT TOPOLOGY PROTECTED BY U.S. PATENT NO:4229706

REV D MPSU55 WKS 25A/8W TIP31C WKS  
250V/280V 250V/555 WKS 75A/11W  
REV E, ASSEMBLED (4) 100 ohm FET - AT SKELETON U.S. 5,200,200

INPUT

007-0420

CHANNEL B SAME AS CHANNEL A



INPUT A  
R11 100K  
C8 .01  
R20 2K 1/2W  
R23 2K 1/2W  
R20 470(G)  
R23 470(G)  
Q14 TIP31C  
C15 C16  
(5) 250555

R8  
R10 100  
C9 100PF  
R19 100  
R20 470(G)  
R23 470(G)  
Q14 TIP31C  
C15 C16  
(5) 250555

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R23 470(G)  
Q14 TIP31C  
C15 C16  
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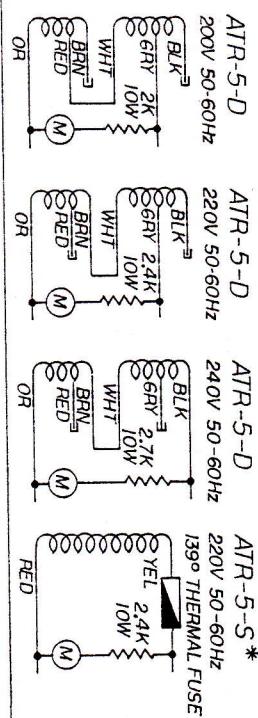
R20 470(G)  
R23 470(G)  
Q14 TIP31C  
C15 C16  
(5) 250555

R20 470(G)  
R23 470(G)  
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C15 C16  
(5) 250555

▼ SELECTED

Φ 2 1/2 A MOL FOR 200-220-240V  
Φ DELETE FOR 100V, 2K-7W-200V, 2.4K10W-220V, 2.7K10W-240V  
CAPACITOR VALUES IN  $\mu$ F UNLESS MARKED OTHERWISE  
RESISTOR TOLERANCES ARE  $\pm 5\%$  UNLESS  $G \pm 2\%$ ,  $F \pm 9\%$

\* TRANSFORMERS WITH BUILT IN 1390 THERMAL FUSE



ATR-5-B  
120V 60Hz  
ATR-5-D  
120V 60Hz  
ATR-5-E  
120V 60Hz

DATE SUMO ELECTRIC CO.LTD.

8-25-82

MODEL NINE PLUS-DUAL DIFFERENTIAL  
CLASS 'A' POWER AMPLIFIER

DRAWN APPR REVISION DATE  
J. Jones E 4-4-85