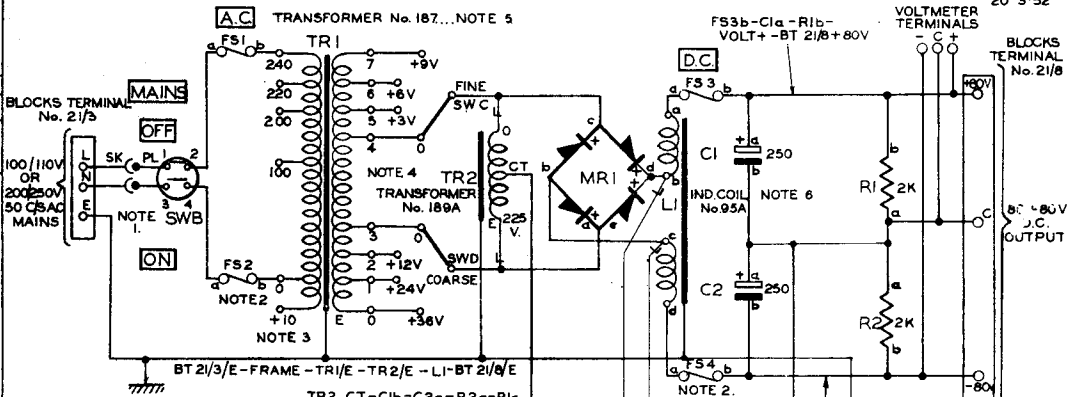


RECTIFIER No. 66A

TG (L) 2055/1

20-3-52

CIRCULATION
GENERAL
SUFFIX
A
AMENDED 7-3-52
SK & PL FORMERLY SWA, NOTE 1 AMENDED 7-3-52
AMENDT.
PAPER
WHITE



NOTES:-

1. SK & PL ARE SOCKET & PLUG ISOLATORS (AUTOMATICALLY CONNECTED WHEN COVER IS ON).
2. FUSES FS1 AND FS2 ARE FUSES No.1/3-0 IN FUSE MOUNTING No.101A
 " FS3 " FS4 " " " 1/1-5 " " " 101A
 " FS5 " FS6 " " " 1/1-5 " " " 101A
3. THE 10 VOLT PRIMARY TAPPING PROVIDES FOR INTERMEDIATE INPUT VOLTAGES OF 110, 210, 230 AND 250 WHEN USED IN CONJUNCTION WITH 100, 200, 220 AND 240 VOLT TAPPINGS RESPECTIVELY.
4. WHEN MAKING INITIAL ADJUSTMENTS SET BOTH TAPPING SWITCHES TO "0" BEFORE SWITCHING ON POWER. ADJUST OUTPUT VOLTAGE TO 160 ± 2 VOLTS (WITH LOAD CIRCUIT CONNECTED) IN STEPS OF 3 VOLTS AND NOT BY 12 VOLT STEPS. ONLY ADVANCE THE 12 VOLT SWITCH ONE POSITION IF THE 9 VOLT ADJUSTMENT ON SWC IS INSUFFICIENT, AND AFTER RESTORING SWC TO "0".
5. TRANSFORMER No. 187A IN EARLIER MODELS, TRANSFORMER 187B IN LATER MODELS CONNEXIONS IDENTICAL. TRANSFORMER No. 187B HAS LARGER WINDING TR3-TR4.
6. CAPACITORS C1-C2 ARE CAPACITORS ELECTROLYTIC No. 3109

BLOCKS TERMINAL No. 21/8

80V J.C. OUTPUT

SPARE

E

SPARE

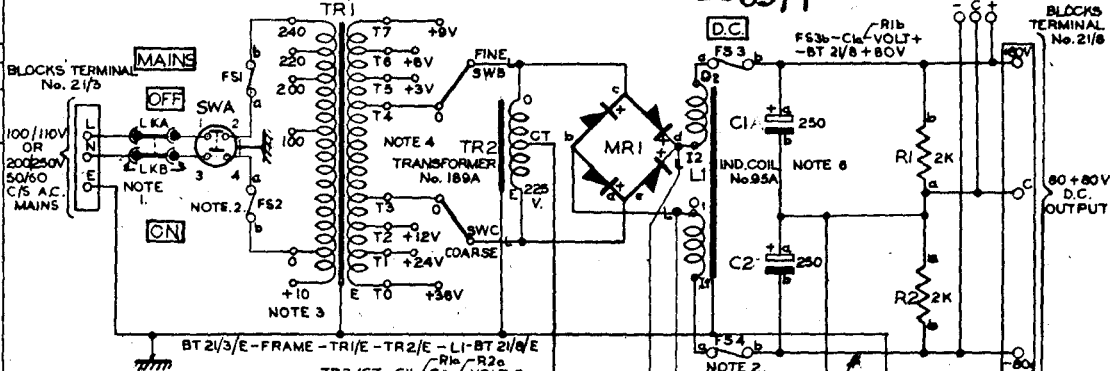
160 V MOTOR SUPPLY

RECTIFIER No 66A

20-3-52

18(L)
2055/1

[A.C.] TRANSFORMER No. 187...NOTE 5



NOTES:-

1. LKA & LKB ARE SOCKET & PLUG ISOLATORS (AUTOMATICALLY CONNECTED WHEN COVER IS ON).
2. FUSES FS 1 AND FS 2 ARE FUSES No. 1/3-0 IN FUSE MOUNTING No. 101A
 " FS 3 " FS 4 " " " 1/1.5 " " " " 101A
 " FS 5 " FS 6 " " " 1/1.5 " " " " 101A
3. THE 10 VOLT PRIMARY TAPPING PROVIDES FOR INTERMEDIATE INPUT VOLTAGES OF 110, 210, 230 AND 250 WHEN USED IN CONJUNCTION WITH 100, 200, 220 AND 240 VOLT TAPPINGS RESPECTIVELY.
4. WHEN MAKING INITIAL ADJUSTMENTS SET BOTH TAPPING SWITCHES TO "0" BEFORE SWITCHING ON POWER. ADJUST OUTPUT VOLTAGE TO 160±2 VOLTS (WITH LOAD CIRCUIT CONNECTED) IN STEPS OF 3 VOLTS AND NOT BY 12 VOLT STEPS. ONLY ADVANCE THE 12 VOLT SWITCH ONE POSITION IF THE 9 VOLT ADJUSTMENT ON SWB IS INSUFFICIENT, AND AFTER RESTORING SWB TO "0"
5. TRANSFORMER No. 187A IN EARLIER MODELS, TRANSFORMER 187B IN LATER MODELS CONNEXIONS IDENTICAL. TRANSFORMER No. 187B HAS LARGER WINDING T3-T4
6. CAPACITORS C1-C2 ARE CAPACITORS ELECTROLYTIC No. 3109

CIRCULATION
 GENERAL
 BUFFIX
 100/110V OR 200/250V 50/60 C/S A.C. MAINS
 BLOCKS TERMINAL No. 21/8
 100/110V OR 200/250V 50/60 C/S A.C. MAINS
 LKA LKB
 SWA
 NOTE 1
 NOTE 2
 NOTE 3
 TR1
 T7 +9V
 T8 +8V
 T5 +3V
 T4
 T3
 T2 +12V
 T1 +24V
 E TO +36V
 NOTE 4
 TR2 TRANSFORMER No. 189A
 CT
 225 V.
 MR1
 C1 250
 IND. COIL No. 95A
 NOTE 6
 R1 2K
 R2 2K
 FS 3
 FS 4
 FS 5
 FS 6
 NOTE 2
 FS 6
 FS 6
 NOTE 2
 FS 6
 VOLTMETER TERMINALS
 BLOCKS TERMINAL No. 21/8
 80+80V D.C. OUTPUT
 180 V MOTOR SUPPLY
 100/110V OR 200/250V 50/60 C/S A.C. MAINS
 LKA LKB
 SWA
 NOTE 1
 NOTE 2
 NOTE 3
 TR1
 T7 +9V
 T8 +8V
 T5 +3V
 T4
 T3
 T2 +12V
 T1 +24V
 E TO +36V
 NOTE 4
 TR2 TRANSFORMER No. 189A
 CT
 225 V.
 MR1
 C1 250
 IND. COIL No. 95A
 NOTE 6
 R1 2K
 R2 2K
 FS 3
 FS 4
 FS 5
 FS 6
 NOTE 2
 FS 6
 FS 6
 NOTE 2
 FS 6
 VOLTMETER TERMINALS
 BLOCKS TERMINAL No. 21/8
 80+80V D.C. OUTPUT
 180 V MOTOR SUPPLY