234 V ± 5%
50 Hz

L

N

E

F1
3 AMPS

WE (10) — AC SWITCH
L/BE (8) — AC SWITCH

TRANSFORMER

BLUE

LINK FOR 117v.

LINK FOR 234v

BLUE

SCRAP PLAN VIEW
OF TERMINATIONS.

117V TS1

TS2

117V TS3

TS4

305v. LOW

TS5

TS6

TS7

405v

HIGH

430v.

218v.

200v.

102 V

13·4 V

12

13

10

9

3

4 x BY 238 — D4, D1, D3, D2

4 x BY 238 — D8, D5, D7, D6

D9
BY 238

C1 100µF

C2 100µF

R1 150KΩ

R2 150KΩ

R3 150KΩ

C3 100µF

C4 100µF

R4 150KΩ

R5 6·8KΩ

C7a 32µF

C7b 32µF

R6 8·2 KΩ

RV1 2KΩ

L1 3H

11

H 800v. @ 50mA = I_A
L 675 v.

14 — RD (14 EHT)

250V 2 — OE (15 HT)

6

9 — BRAID
7 — EARTH

TS 10 — -60/-75v. VT (11 P.A BIAS)

75V 4 — BE (6 F/BIAS)

TS8

12·5 VAC 1

R7 9Ω

YW (1)
BK (3)
BN (4)
PK (5)
HEATERS

TS9 — 6·3V GY (12 STAB HTR)

+12V 5 — GN (2 RLY SUP)

TS11 — SCD. AF. (13)

L/S

D10
40266

C5 100µF

C6 100µF

TS1

TS2

TS3

TS4

FOR USE ON
117 V OPERATION.
FUSE RATING
5 AMPS

FM 1168 C

APP'D.				MATERIAL	TOLERANCES
CHECKED	10	29-7-'70	AM. SHT. 4280. C/N 534 & 539.		FRACTIONS ±
DRAWN L White	9	9-10-69	REVISED & REDRAWN	FINISH	DECIMALS +
	ISSUE	DATE			UNLESS STATED OTHERWISE

K. W. ELECTRONICS DARTFORD KENT

TITLE
CIRCUIT DIAGRAM
KW 2000B AC PSU

DRG. Nº
B 9028