

AUTOMATIC SYSTEM
SHARED SERVICE (SEPARATE METERING)
EXTENSION PLAN 107 & 107A (INTERNAL ONLY) USING PLANPHONE A

N4529
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ISSUE B

NOTES:-

1. The facilities of Plan 107 & 107A are Dgm. N1451.
2. APPARATUS REQUIRED

MAIN:-

Planphone A (Note 3)
 Power-Unit No. 53B (See Note 8)
 Switch No. 5A-3
 Thermistor No. 1A-1
 Part 3/DBU/263
 Part 2/DST/836
 Part 1/DBR/366

EXTENSION:-

Telephone No. 746
 2 Switches No. 5A-4
 1 Part 4/DBU/363
 1 Part 3/DBU/363
 2 Parts 1/DPI/203
 2 Part 1/DPL/1022
 Buzzer No. 32C-3
 Cord Instrument No. 9/21AD
 Block, Terminal No. 36B

3. See Dgm. N628 for alternative apparatus when a Planphone A is either not suitable or not available.

4. **MAIN:-**

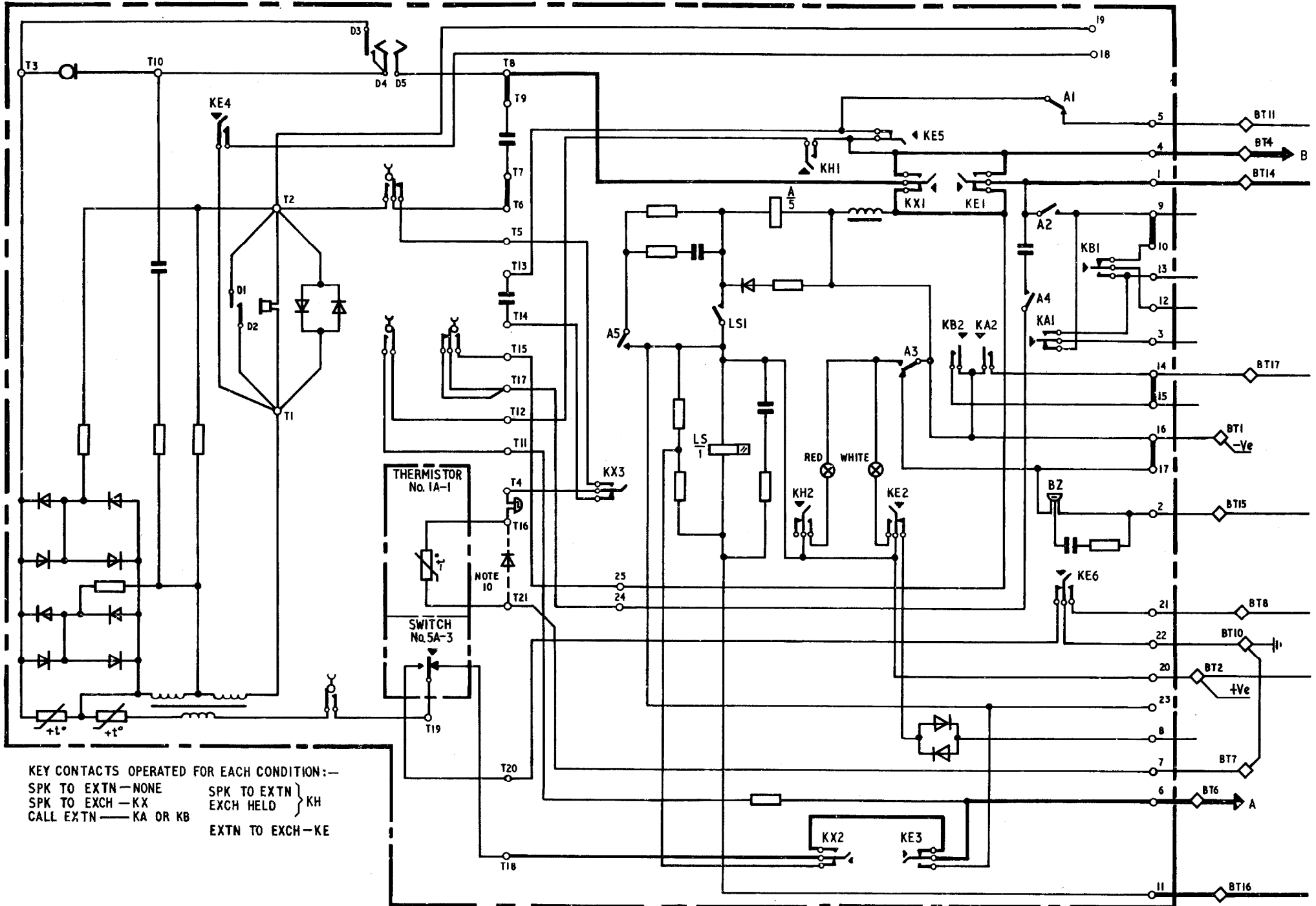
In Planphone A fit Parts 2/DST/836 and 1/DBR/366. Remove strap between terminals T18-T19, shift Red conductor of multiway cord from T16 to T21, connect spare Green-White conductor to terminal T20. Fit Switch No. 5A-3, Part 3/DBU/263 and Thermistor No. 1A-1. Rearrange straps and connect as shown.

5. The cord conductor colours shown are those for a Cord, Inst. No. 18/09 AD. The colours shown in brackets refer to the Cord, Inst. No. 18/04 AJ.
6. The diagram shows connexions for Plan 107. For Plan 107A strap terminals 18 and 19 in Planphone A and shift B-W conductor from 24 to 25.
7. When an extension bell is required at the main remove Strap BT7-BT10 and connect bell to BT7 and BT10.

8. The Power-Unit No. 53B should be fitted in a position adjacent to a 3-Pin mains socket. 8-Cells, Dry R40 and Box Battery No. 10 may be provided if a suitable mains supply is not available. To prevent damage care must be taken to connect the 10V supply, positive to BT2, negative to BT1.
9. The connexions shown are for 'X' Subscribers. For 'Y' Subscribers reverse the Exchange A & B Wires on BT4 & BT6.
10. In UAX Areas with vibrator ringing a Valve Electronic CV8790 should be connected between T16 & T21 in Planphone A.
11. **EXTENSION:-**
 Recover Cord Inst No. 4/121 AT and Block Terminal No. 52A from Telephone No. 746. Fit Switch No. 5A-4 and Part 4/DBU/363 in Position B, Switch No. 5A-4 and Part 3/DBU/363 in Position C. Fit Buzzer No. 32C-3, rearrange straps as shown. Fit Cord, Inst. No. 9/21AD and BT36B.
12. **If an extension bell is required it should be fitted in place of the strap between BT2 and BT8.**
13. See Dgm. N4700 for add-on items when an alternative telephone is used.

PO TELECOMMS HQRS COLOUR:- W DISTN: CB & AUTO	ISSUE	B	NOTES 2,8,11 & 12 AMENDED. BT7 & BT8 ADDED. MINOR AMENDMENTS. E.M.S. <i>JSB</i> TD 7-1-3	22.2.78
	A	NEW FORMAT. TELES. CHGD. NOTES REWRITTEN. <i>D.L.F.</i> TD 7.1.1	13.6.75	
	K.M.A.	T. TROKE	11.10.61	

PLANPHONE A

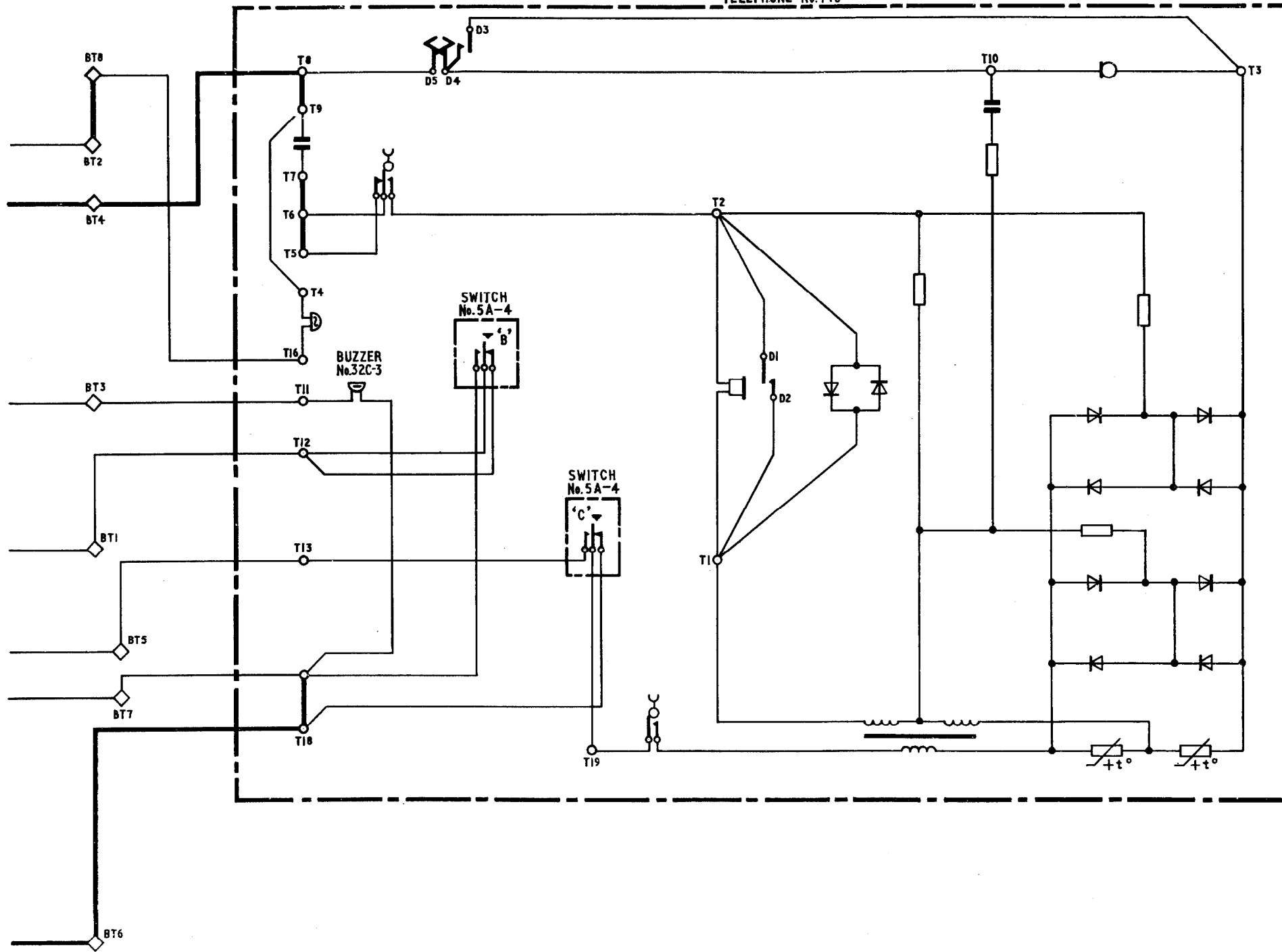


KEY CONTACTS OPERATED FOR EACH CONDITION:-
 SPK TO EXTN - NONE
 SPK TO EXCH - KX
 CALL EXTN - KA OR KB
 EXCH HELD } KH
 EXTN TO EXCH - KE

EXTENSION

TELEPHONE No. 746

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WIRING

