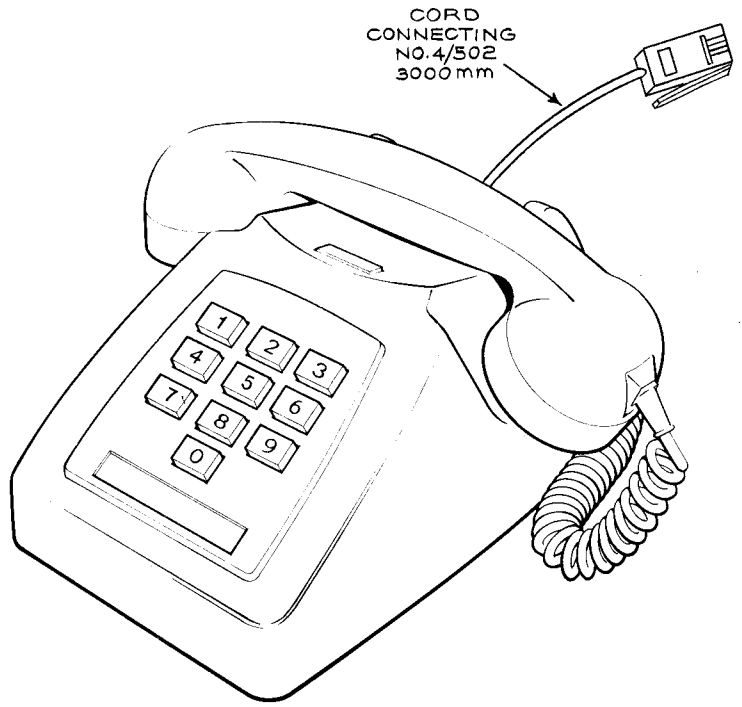


TELEPHONE No.8764

PRESS-BUTTON TELEPHONE WITH 10 PPS SIGNALLING AND PROVISION FOR 1-2 PRESS-BUTTONS



NOTES:—

- 1-1 TELEPHONE No.8764 CONTAINS AN ELECTRONIC CIRCUIT IN PLACE OF THE DIAL WHICH IS POWERED FROM A BATTERY CONTAINED WITHIN THE TELEPHONE. THE BATTERY MAY BE CHARGED FROM LINE OR FROM A POWER-UNIT, SEE NOTES 3-1 TO 3-7.
- 1-2 THE BATTERY IS NOT SUPPLIED WITH THE TELEPHONE AND MUST BE REQUISITIONED SEPARATELY AS FOLLOWS :—
TELEPHONE No.8764 MK1 "BATTERY SECONDARY No.22 RED."
TELEPHONE No.8764 MK 2 "BATTERY SECONDARY No.23 BLUE."
THE BATTERY MUST BE REMOVED WHEN RECOVERING THE TELEPHONE.
- 1-3 THE TELEPHONE No.8764 IS FITTED WITH A HIGH IMPEDANCE BELL AND IS INTENDED FOR PARALLEL WORKING USING LINE JACK UNIT...., OR JACK No.620 SERIES.
- 1-4 THE LINE JACK UNIT.../1A, 2A OR 3A SHOULD BE USED AS APPROPRIATE. FOR PBX EXTERNAL EXTENSIONS A LINE JACK.../1A SHOULD BE USED IF PRIMARY SURGE PROTECTION IS REQUIRED AS DEFINED IN TI C3F0052 SECTION 4.
- 1-5 TELEPHONES No.8764 CANNOT BE USED TO SET UP SUBSCRIBERS CONTROLLED GROUP TRANSFER EXCEPT ON TXE2 AND TXK3 EXCHANGES WHERE TRANSFER EQUIPMENT IS NOT REQUIRED AT THE CUSTOMERS PREMISES.

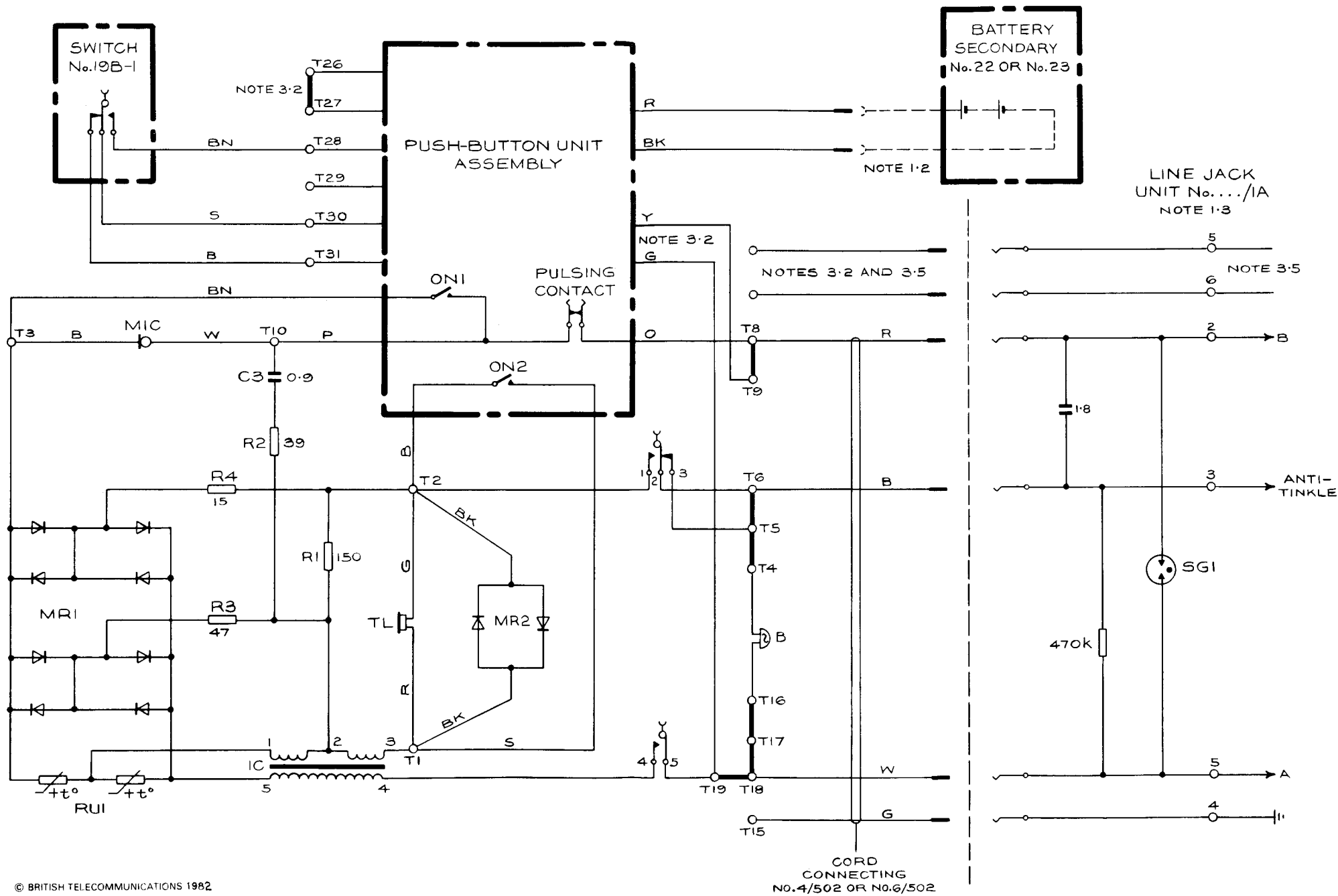
REFERENCE:—

PRIMARY SURGE PROTECTION TI C3F0052

© BRITISH TELECOMMUNICATIONS 1982

BRITISH TELECOMMS HQRS	ISSUE		
PAPER:— W			
DISTRIBUTION:— GENERAL		<i>16. 447 Colin D. Hobson</i>	PD:1-1

FIG.1 CONNEXIONS AS ISSUED



NOTES :-

CHARGING

- 3-1 TABLE 1 IN ASSOCIATION WITH TABLE 2 SHOWS THE METHOD OF BATTERY CHARGING THAT SHOULD BE USED FOR A PARTICULAR SITUATION. FOR ANY SITUATION NOT COVERED IN TABLE 1, CHARGE FROM A POWER-UNIT No.53 USING METHOD B.
- 3-2 THE TELEPHONE IS ISSUED WITH THE CHARGING CIRCUIT CONNECTED FOR LINE CHARGING, METHOD A. FOR OTHER CHARGING METHODS RELOCATE STRAP (T26-T27), YELLOW WIRE (T9) AND GREEN WIRE (T19) AS INDICATED IN TABLE 2.
- 3-3 THE TELEPHONE MUST NOT BE REMOVED FROM A SOCKET FOR MORE THAN A FEW HOURS, OR DIALLING PROBLEMS MAY BE INCURRED.
- 3-4 DIRECT LINES AND EXTENSIONS
ONLY ONE BATTERY MAY BE CHARGED FROM LINE CURRENT (METHOD A OR C). WHERE ADDITIONAL BATTERY POWERED TELEPHONES (e.g. TELEPHONES Nos 764 AND 8764) ARE REQUIRED POWER-UNIT CHARGING MUST BE USED (METHOD B).
- 3-5 WHERE POWER-UNIT CHARGING METHOD B IS USED REMOVE THE YELLOW AND GREEN WIRES FROM T9, T19, CONNECT THEM TO TWO SPARE TERMINALS AND USE A CORD CONNECTING No.6/502 TO CONNECT THE POWER-UNIT. THE POWER UNIT SHOULD BE CONNECTED TO TERMINALS 1 AND 6 OF THE LINE JACK UNIT....
- 3-6 A MAXIMUM OF 80 BATTERIES MAY BE CHARGED FROM A SINGLE POWER-UNIT No.53A. MOREOVER IT IS RECOMMENDED THAT NO MORE THAN 10 BATTERIES BE CHARGED FROM A SINGLE FUSED OUTLET.
- 3-7 IN SITUATIONS WHERE THE TELEPHONE IS SUBJECT TO HIGH USAGE (IN EXCESS OF 80 CALLS PER DAY) POWER-UNIT CHARGING IS RECOMMENDED.

BT
Heritage

BT Arc
Herit

1ST BATTERY KEYPHONE	INSTALLATION	NOTE	LINE CONDITIONS			
			DIRECT LINE	PABX EXTENSION	PMBX EXTENSION 50V	SUBS CARRIER WB 900
	SINGLE STATION		A	A	B	B
	2/... OPERATORS TELEPHONE		—	—	B	—
	PABX I DIRECT EXCHANGE N.S.		—	C	—	—
	SUB CONT TRANSFER	1.5	B	B	—	—
ADDITIONAL BATTERY KEYPHONES			B			

TABLE 1 BATTERY CHARGING METHOD NOTE 3.1

CHARGING METHOD	NOTE	CHARGING CIRCUIT CONNEXIONS		
		STRAP	YELLOW	GREEN
A	FROM LINE	T26-T27	T9	T19
B	FROM 10V PU	3.5	T27-T28	SPARE TERMINALS TO POWER-UNIT
	FROM 50V PU	3.5	T28-T29	
C	FROM LINE		T26-T27	T9 T15

NOTE—METHOD B — CHOOSE WHICHEVER VOLTAGE PU IS MOST CONVENIENT

TABLE 2 CHARGING CONNEXIONS NOTE 3.2