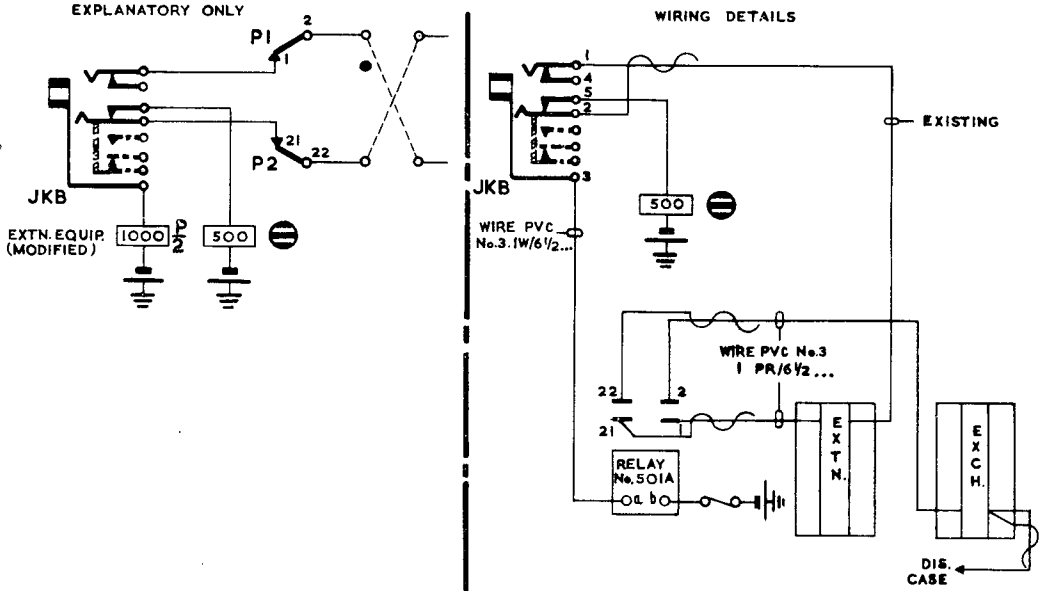


CIRCULATION
GENERAL
Suffix
25-6-62 A
MINOR CORRECTIONS, MADE 2 PANELS 240.
Amendt
PAPER
W

TERMINATION OF INTERSWITCHBOARD PRIVATE CIRCUIT. SWITCHBOARD N1070 (NOTE 1). SIGNALLING GROUP A(i); A/WE IN; A/WE OR G/AC OUT.

N722
2 PANELS - I
23-5-55.



N722

2 PANELS - 2

NOTES :-

1. WHERE THE SIGNALLING LOOP RESISTANCE LIMITS WITH VARIOUS MINIMUM VOLTAGES, GIVEN IN THE FOLLOWING TABLE ARE INADEQUATE, SEE DGM. N 721.

MINIMUM VOLTAGE (NOTE.2) AT SWITCHBOARD	VOLTS	15	18	20	22
MAXIMUM PERMISSIBLE LINE LOOP RESISTANCE NOTE.3.	OHMS	250	450	600	720

2. THE MINIMUM VOLTAGE FIGURES REFER TO THAT VOLTAGE AVAILABLE AT THE SWITCHBOARD UNDER ADVERSE CONDITIONS AND SHOULD NOT BE TAKEN AS THE NOMINAL VOLTAGE OF THE SUPPLY.
3. THE LOOP RESISTANCE FIGURES GIVEN ALLOW FOR 125 Ω SENDING RESISTANCE (i.e. THE RESISTANCE OF THE COMPONENTS IN THE A WIRE OF THE DISTANT TERMINATION TO EARTH).
IF THE RESISTANCE AT THE DISTANT TERMINATION IS GREATER THAN 125 Ω , THE SIGNALLING RESISTANCE LIMIT SHOULD BE REDUCED BY TWICE "THE DIFFERENCE IN THE SENDING RESISTANCE AND 125 Ω ".
4. THE FUSE FOR P RELAY SHALL BE A FUSE No.44A/O.25 AND MAY FEED OTHER P RELAYS IF REQUIRED.

WIRING SCHEDULE

RECOVER	PROVIDE
WIRES FROM DIS CASE OF SELECTED EXTN. TO EXTN. S.C. AT BOTH ENDS. EARTH WIRES FROM JACK INNER SPRING 4 (SOLDER TOGETHER AND INSULATE).	RELAY No. 501A & RELAY COVER AK IN SPARE POSITION ON LOWEST MTG. No.146/20 C. WIRE FROM SLEEVE OF JACK TO 'a' OF RELAY AND FROM 'b' OF RELAY TO SPARE FUSE POSITION (NOTE 4). WIRES FROM EXTN. S.C. TO CONTACTS 1 & 21 OF P RELAY. WIRES FROM SPARE TAGS ON EXCH. S.C. TO CONTACTS 2 & 22 OF P RELAY. CABLE FROM EXCH. S.C. TAGS TO EXTN. TAGS IN DIS CASE.