

H.E.S.No.3 (KEYMASTER) TYPICAL MULTIPLE CONNEXIONS

Q(L)404
4 PANELS-1
12-7-62

WIRING

NOTES

B.S. 63. A

TITLE WAS H.E.S. 145

1. AT INSTALLATIONS WITH MULTIPLE STATIONS ONLY WIRE TO PANELS 2 AND 3. WHERE A NON-MULT. EXTN. IS FITTED WIRE TO PANELS 2 AND 4. THE NON-MULT. EXTN. IS ALWAYS CONNECTED AFTER THE LAST MULTIPLE STATION. WHERE LESS THAN FIVE STATIONS ARE INSTALLED THE UNWANTED SECTIONS OF MULTIPLE CABLE ARE OMITTED.
2. SPARE CONDUCTORS IN THE MULTIPLE CABLE SHOULD BE SECURED NEATLY WITHIN THE BT.37A AT EACH STATION. THESE CONDUCTORS ARE USED TO PROVIDE EXTRA FACILITIES. SEE ALSO NOTE 5.
3. THE CONVERTER RINGING No. 7 WHEN USED IS MOUNTED ON FOUR SCREW FIXINGS WITHIN THE POWER UNIT No. 51A.
4. WHEN FITTING THE POWER UNIT No. 51A A MINIMUM CLEARANCE OF 6" SHOULD BE ALLOWED BENEATH THE LOWER EDGE TO ALLOW ACCESS TO THE COVER FIXING SCREWS.
5. THE COLOURS OF THESE SPARE CONDUCTORS WILL DEPEND ON THE CONNEXIONS OF TERMINALS 11 AND 17. THE ENDS OF SPARES SHOULD BE COVERED WITH TAPE INSULATING ADHESIVE.
6. RELAY UNIT Q410 MUST BE FITTED BETWEEN LAST MULT. STN. AND LINE OF NON-MULT. EXTN.
7. CONNECT INTERCOM SIGNALLING WIRE TO TERM. 17 (Q410) AS FOLLOWS :-

WHERE Q410 FOLLOWS STN. No.	CONNECT TOGETHER		USE WIRE COLOUR
	IN Q410	IN BT.37A AT LAST MULT. STN.	
4	TRM'L No. 17	TRM'L No. 15	W/BLU-WH
3	" " "	" " 15	W/R. J-OR
2	" " "	" " 14	BLU-WH
1	" " "	" " 13	W/SL

- TO CALL MAIN STN FROM NON-MULT. EXTN. VIA RELAY UNIT Q 410 TRM'L 11 IN RELAY UNIT TO BE CONNECTED AS FOLLOWS :-
 F STN. PRECEDING RELAY UNIT IS MAIN STN. CONNECT TO TRM'L 11 OF BT.37A AT THAT STN.
 OTHERWISE CONNECT TRM'L 11 (Q410) TO LAST BT.37A IN MULT.
 USING BT. 37A TRM'L 12 IF STN. 1 IS MAIN STN.
 " " " 13 " 2 " "
 " " " 14 " 3 " "
- WIRE USED TO BE SELECTED FROM SPARES TO MATCH COLOUR OF WIRE ALREADY ON BT.37A.
8. FOR CONNEXION OF TELEPHONE INTERCOM. No. 3/1 TO BT.37A SEE DGM. Q(L)424.
9. STRAP TO COMPLETE BELL CIRCUIT.

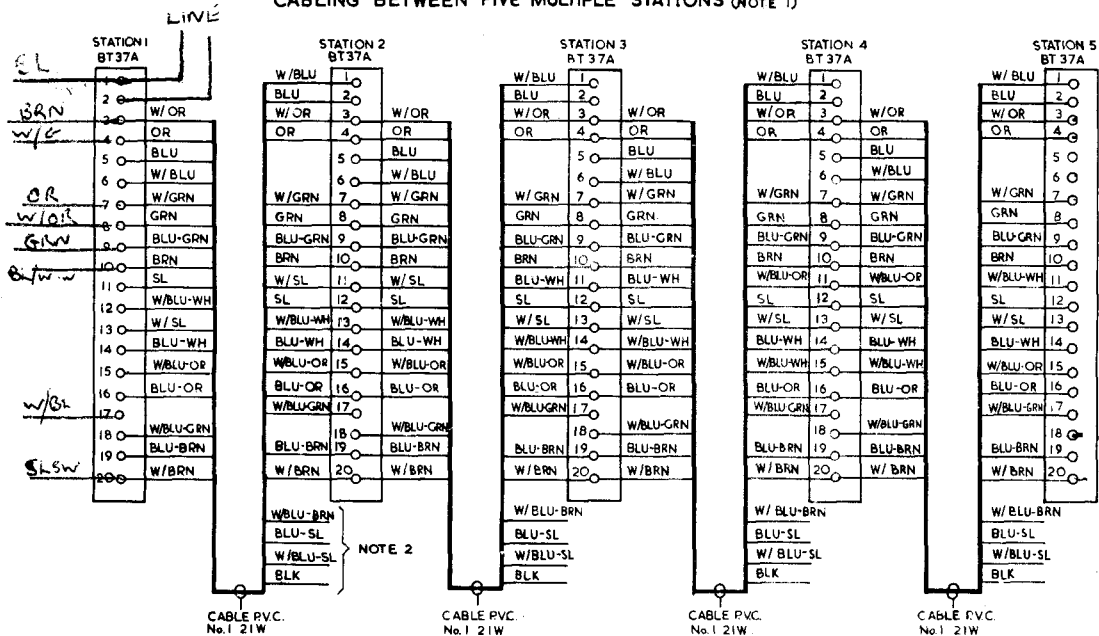
DATE

W

Q(L)404

4 PANELS-2

CABLING BETWEEN FIVE MULTIPLE STATIONS (NOTE 1)



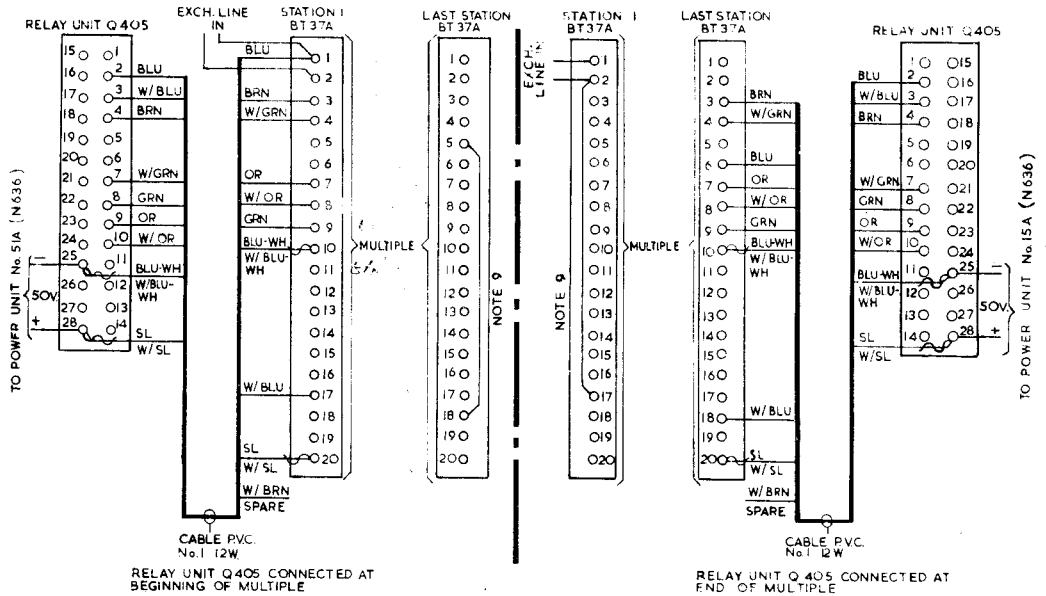
CIRCUIT NO. 1
 GENERAL
 8.5.63.7A
 TITLE W/S H.E.S. 1+5
 Amendt
 PAPER W

H.E.S. No.3 (KEYMASTER)

TYPICAL MULTIPLE CONNEXIONS (WIRING)

CABLING TO RELAY UNIT Q405 FOR USE AT INSTALLATIONS WITH MULTIPLE STATIONS ONLY

Q(L)404
 4 PANELS-3
 12-7-62



Q(L) 404

4 PANELS - 4

CABLING TO RELAY UNIT Q410 FOR USE AT INSTALLATIONS HAVING A NON-MULTIPLE EXTENSION

