

HOUSE EXCHANGE SYSTEM

UNIT, TRANSFER, INTERCOM. No. 1A (MKS.1 & 2) & No.3

RELAY ADJUSTMENTS.

Q(L) 170
27-5-52

- NOTES. (1) BEFORE ANY RELAY ADJUSTMENT IS ATTEMPTED IT SHOULD BE VERIFIED THAT THE VOLTAGE ON THE SYSTEM UNDER LOAD CONDITIONS IS BETWEEN 18 AND 28 VOLTS.
- (2) ADJUSTMENT DETAILS FOR QR (RELAY 4129), L (RELAY 3723), H (RELAY 3725) & G (RELAY 4127 FOR No.1A MK.1 AND RELAY 8399 FOR No.1A MK.2). ARE GIVEN IN E.I. TELEPHONES, AUTOMATIC B. 5144.

ADJUSTMENT OF SPECIAL RED LABEL 3000 TYPE RELAY Q (No. 4128)			
SPECIAL MECHANICAL ADJUSTMENTS	CURRENT VALUES		
	CONDITION	TEST CURRENT(mA)	READJUST CURRENT(mA)
RESIDUAL. MARKED VALUE ± 2 MILS TEST ± 1 MIL READJUST	SATURATE	120	120
TRAVEL. 25 MILS ± 2 MILS TEST ± 1 MIL READJUST. SPRING THICKNESS. 12 MILS	RELEASE	2.0	2.2
ADJUST TENSION OF SPRING 1 TO MEET CURRENT TESTS.			
CONTACT CLEARANCE. 5 MILS MINIMUM	OPERATE	18	17
OTHER ADJUSTMENTS TO E.I. TELEPHONES. AUTOMATIC B.5144	TEST POINTS UNIT TERML BLOCK Nos. 2 & 8 (KEY SPRINGS X2 FOR No.1A OR 1X2 FOR No.3)		

ADJUSTMENT OF VIBRATOR No. 3330 (BZ) (RED LABEL 3000 TYPE RELAY).			
SPECIAL MECHANICAL ADJUSTMENTS	CURRENT VALUES		
	CONDITION	TEST CURRENT(mA)	READJUST CURRENT(mA)
RESIDUAL. 5 MILS	NON OPERATE	53	58
TRAVEL. 43 MILS			
SPRING THICKNESS 14 MILS	OPERATE	65	62
ADJUST TENSION OF AUXILIARY SPRING TO MEET CURRENT TESTS.			
OTHER ADJUSTMENTS TO E.I. TELEPHONES AUTOMATIC B.5144	TESTPOINT :- EARTH BZ α INSULATE RELAY CONTACT L $\frac{3}{4}$.		

FORMERLY SHOWN ON DGM Q(L) 133 PANEL 1

Amendment.