

UNIT AUXILIARY APPARATUS No.45 (MARK 4)

FOR TERMINATING LONG P.W.'S INTERSWITCHBOARD P.W'S
AND INTERSWITCHBOARD EXTENSIONS, ON P.M.B.X. SWITCHBOARDS.

N997

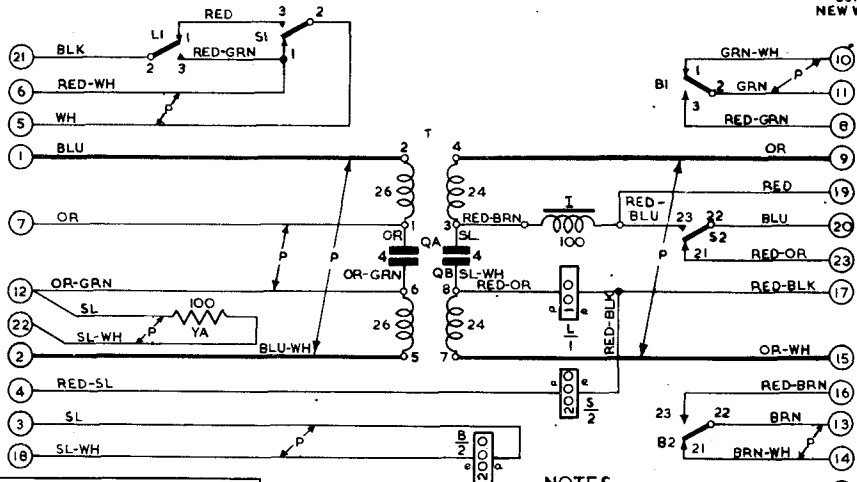
22.6.38.
2 PANELS-1
SUPERSEDES FOR
NEW WORK CB 1266

GENERAL

25.7.56 D
6.10.53 C
4.2.39. B

B RELAY COIL WAS SHOWN REVERSED
REDRAWN, RESISTANCE OF YA AMENDED, PANEL 2.
RESISTANCE OF YA AMENDED, NOTE 3 ADDED

W



APPARATUS SCHEDULE	
ITEM	RATE BOOK DESCRIPTION
B & S	RELAYS No.5874
L	RELAY No.5875 (NOTES 2 & 3)
QA QB	CONDENSERS M.C. No.103
I	COIL BRIDGING No.1A
YA	RESISTOR COIL No.12.100Ω
T	TRANSFORMER No.50A.

NOTES.

1. FOR EXTERNAL CONNEXIONS TO SWITCHBOARDS SEE DIAGRAMS AS INDICATED IN EI TELES P.B.X. B3102
2. FOR ADJUSTMENTS OF RELAY L, (RELAY No.5875) SEE PANEL 2.
3. THE LINE CURRENT FOR OPERATION OF RELAY No.5875 SHOULD NOT BE LESS THAN 13.6 MA.

N997

2 PANELS-2

ADJUSTMENT OF SPECIAL (RED LABEL) 3000 TYPE RELAY No 5875 MARK Nos.1 & 2						
SPECIAL MECHANICAL ADJUSTMENTS			CURRENT VALUES			
MARK 1		MARK 2	CONDITION	TEST VALUES (MA)	READJUST VALUES (MA)	
RESIDUAL:	3 MILS	RESIDUAL:	3 MILS	SATURATE	90	90
TRAVEL:	27 [±] 2 MILS	TRAVEL :	25 [±] 2 MILS	HOLD	-	
SPRING THICKNESS:	12 MILS	SPG.1 40MILS	TENSION AGAINST BLOCK 80 GMS. MIN.	RELEASE	-	
ADJUST SPRING No.2 TO FULFIL CURRENT TESTS		SPG.2 } SPG.3 } 12 MILS:	ADJUST TO FULFIL CURRENT TESTS	NON-OP	6.5	7.0
CONTACT CLEARANCE	5 MILS MINIMUM	PIP CLEARANCE	SPG.2. 4 MILS APP. SPG. TENSION 10.GMS. MIN. CONTACT CLEARANCE 5 MILS. MIN	OPERATE	10	9.5
OTHER ADJUSTMENTS TO EI TELEPHONES AUTOMATIC B5144			TEST POINTS: TERMINALS 15 & 17 (TERMINAL 4 TO BE DISCONNECTED)			

SOME EARLIER ISSUES OF UNIT AUXILIARY APPARATUS No.45 WERE FITTED WITH RELAY No.5875 MK.1.