

RELAY DESIGN FOR CIRCUIT

GBW 10431 SHEET 1/4

TITLE DISCRIMINATING SELECTOR REPEATER
 COIN BOX
 200 OUTLET
 2000 TYPE

COMMITTEE'S WIRING DIAGRAM NO

RELAY NAME	COMM. CODE	IF NEW CODE (CARD ATTACHED)	DEPARTURES FROM DIAGRAM		SPRING NUMBERING CONTACT UNIT NUMBER								REFERENCES TO NOTES BELOW			
			RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8				
A	HS 521	IA			C											B
AA	10838P	IA			3	2	25	22								B
C	10708	IA			2	4	22									B
CO	10293	IA			2	22										
DO	1074	IA			2	5	7	22	25	23						
DD	4529	IA			2	22										
HA	4530	IA			2	5	7	9	22	25	27	29				
HB	4531	IA			3	6	9	22	25	27	29					
JG	4533	IA			2	5	7	9	22	25	27	29				
K	5720	IA			2	5	7	9	22	25	27	29				

NOTES SPECIAL FACTORS OF SAFETY A
 SPECIAL ADJUSTMENTS B
 CIRCUIT POINTS OR MODIFICATIONS C

CLASS	RELAY	NOTES																										
		<p>FIG. 1A</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>TOP REAR COVER</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">YF/YE/YD</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">YJ/YH/YG</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">MRD</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">MRE</div> <p>CAPACITOR BOX</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">QA</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">QB</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">MRC</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">YC/YB/NA</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">BRA (NOTE)</div> </div> <div style="width: 45%;"> <table border="1" style="width: 100%; text-align: center;"> <tr><td>* AA</td><td>TR</td></tr> <tr><td>B</td><td></td></tr> <tr><td>C</td><td>A</td></tr> <tr><td>D</td><td>CR</td></tr> <tr><td>+ HA</td><td>HB</td></tr> <tr><td>J</td><td>DD</td></tr> <tr><td>JR</td><td>JG</td></tr> <tr><td>LT</td><td>K</td></tr> <tr><td>MH</td><td>LS</td></tr> <tr><td>+ LD</td><td>MD</td></tr> <tr><td>RT</td><td>RS</td></tr> <tr><td>CO</td><td>SC</td></tr> <tr><td>DO</td><td>MRA/MRB</td></tr> </table> <p>RESISTORS YA, YB, YC, YD, YE, YK, YL = P.O. NO 9 RESISTORS YF, YG, YH, YJ = P.O. NO 12 TYPE YM RADIO 1/4W ± 10% CAPACITOR QC MOUNTED AT REAR OF MECHANISM QD - RADIO TYPE 2-2 MED DIODE D1 - IN 4007 OR EQUIV. * RELAY SHIELD + RELAY GUARD</p> <p>NOTE: ON SOME SELECTORS BRA HAS BEEN REPLACED ON SITE BY RESISTORS YK & YL - 150 Ω P.O. NO 9</p> </div> </div>	* AA	TR	B		C	A	D	CR	+ HA	HB	J	DD	JR	JG	LT	K	MH	LS	+ LD	MD	RT	RS	CO	SC	DO	MRA/MRB
* AA	TR																											
B																												
C	A																											
D	CR																											
+ HA	HB																											
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LT	K																											
MH	LS																											
+ LD	MD																											
RT	RS																											
CO	SC																											
DO	MRA/MRB																											
ISSUE 1:	30-5-51																											
		K RELAY WAS 1882. MRE ADDED IN TOP REAR COVER																										
		ISSUE 2: 3-12-52 K RELAY WAS 5270																										
		ISSUE 3: 22-5-53 LAYOUT REVISED																										
		ISSUE 4: 4-6-57 INFO. ADDED (42348)																										
		ISS. 5: 15-2-84 GCG																										
		DATE 1/6/57																										
		SIGNED FOR COMMITTEE G.W. A.T.E.G.O.V.																										

Centimetres

C.T. N.Z.

TITLE DISCRIMINATING SELECTOR REPEATER
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200 OUTLET
2000 TYPE

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			RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8			
LT	6858	FIGURE 1A			2 1	4 3	6 5	22 21	24 23	26 25					
JA	6008	2C			M	M	B	M	M	B					
JB	10232	2C			3 2	22 21									
D	7905	1A			C	M									
LD	11172	1A			3 2										
MD	10839	1A			2 1	4 3	6 5	22 21	24 23	26 25					
OA	4538	1B			M	M	C	M	K						
OA	4540	1C			3 2	6 5	9 8	22 21	25 24	28 27					
OB	10704	1C			C	C	C	B	C	K					
B	4527P	1A			3 2	6 5	9 8	22 21	25 24	28 27					
					C	C	C	C	C	K					
					2 1	5 4	8 7	22 21	25 24	28 27					
					M	C	C	B	C	K					
					1 2	3 4	5 6	22 21	24 23	27 26					
					M	M	K	M	M	K					

NOTES SPECIAL FACTORS OF SAFETY A
 SPECIAL ADJUSTMENTS B
 CIRCUIT POINTS OR MODIFICATIONS C

CLASS	RELAY	NOTES																
		<p>FIG. 1B</p> <table border="1"> <tr> <td>YA.YA.YA</td> <td>YB.YB.YB</td> </tr> <tr> <td>DA</td> <td>OA</td> </tr> <tr> <td>DA</td> <td>OA</td> </tr> <tr> <td>DA</td> <td>OA</td> </tr> <tr> <td>+</td> <td>+</td> </tr> <tr> <td>+</td> <td>+</td> </tr> <tr> <td>+</td> <td>+</td> </tr> </table> <p>YA = P.O. NO 9 TYPE YB = P.O. NO 12 TYPE</p> <p>FIG. 2C</p> <table border="1"> <tr> <td>JA</td> </tr> <tr> <td>JB</td> </tr> </table> <p>ISSUE 1 3-5-51 ISSUE 2 ADDITION OF YA & YB RESISTORS 25-10-51 ISSUE 3 LD RELAY WAS 1918 3-5-54 LAYOUT REVISED ISSUE 4 4-6-57</p>	YA.YA.YA	YB.YB.YB	DA	OA	DA	OA	DA	OA	+	+	+	+	+	+	JA	JB
YA.YA.YA	YB.YB.YB																	
DA	OA																	
DA	OA																	
DA	OA																	
+	+																	
+	+																	
+	+																	
JA																		
JB																		

DATE 1/6/57
 SIGNED FOR COMMITTEE *AWJ*
 K.T.E. CO. LTD.

C.T. N.Z.

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			RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8			
J	4532	FIGURE 1A			2 1	3 3	4 5	7 6	23 22	26 25					
RS	5755	1A			2 1	5 3	22 4	25 21	24 23						
DA	4575	1B			3 1	6 4	9 7	22 21	25 23	24 26	27 28	29 28			
DA	4575	1C			3 1	6 4	9 7	22 21	25 23	24 26	27 28	29 28			
LS	10284	1A			2 1	5 3	25 23	22 21							
JR	4699	1A			2 1	5 3	25 23	22 21	24 23	27 26	28 29	28 29			
CR	4570	1A			5 3	25 23	2 1	22 21							
MH	10850P	1A			22 21	2 1	4 3	24 23							
SC	10847	1A			1 2	9 8	7 6	5 3	25 23	24 21	22 26	27 28	29 28		
RT	1709	1A			1 2	5 3	9 7	27 21	25 23	24 26	27 28	29 28			

NOTES SPECIAL FACTORS OF SAFETY A
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CLASS RELAY NOTES

FIG. 1C.

YA/YB	+
DA	OA
DB	OB
+	+

YA = P.O. No 9 TYPE
 YB = P.O. No 12 TYPE

ISSUE 1: 30-5-51
 ISSUE 2: 3c Relay spgs. 28 & 29
 WHERE NOT SHOWN.
 JR SPRING NUMBERING CORRECTED
 ISS. 3: 11-1-54.
 RS RELAY WAS 1007.
 ISS. 4: 6-1-55.
 LAYOUT REVISED
 ISSUE 5: 4-6-57

DATE 1/6/51
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