

RELAY DESIGN FOR CIRCUIT **GBW 15050**

TITLE DEPENDENT EXCHANGE O/G IVE. LINE CIRCUIT  
FOR B/W JUNCTIONS TO PARENT EXCHANGE

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	HSD702				3 12	23 22 21									B1
AA	HSD701				3 12	23 22 21									B2
AK	5953				2 1	34 5	6 21	22 23	24 25	27 26 25					
B	5954				2 1	5 34	8 67	22 21	24 23	26 25 27	28 27				
BB	5891				3 12	6 45	9 78	22 21	25 23	28 27 26					
BR	5955				2 1	5 34	8 67	22 21	24 23	27 26 28	29				
CB	6383				2 1	5 34	23 22 21								
CD	5956				2 1	34 5	6 21	22 23	25 24						
CF	5893				2 1	5 34	22 21	25 24 23							
CH	5957				2 1	4 3	7 56	22 21	25 24 23						B

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

CLASS	RELAY	NOTES																		
B1 B2	A AA	<p>TEST &amp; R.A. FIGURES                      " &amp; "</p> <p><b>FIG. 1 FRONT VIEW</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>R1/R2/R3</td> <td>R4/R19/R20</td> </tr> <tr> <td>T1</td> <td>R15/R16/R9/R10/R11</td> </tr> <tr> <td>D</td> <td>A</td> </tr> <tr> <td>DD</td> <td>AA</td> </tr> <tr> <td>CB</td> <td>CH</td> </tr> <tr> <td>LA</td> <td>LB</td> </tr> <tr> <td>WS</td> <td>SS</td> </tr> <tr> <td>WA</td> <td>MH</td> </tr> <tr> <td>WB</td> <td>SP</td> </tr> </table> <p style="text-align: center;">≠ TO BE FITTED WITH RELAY GUARD</p> <p>R1, R2, R3, R4, R19, R20 ARE P.O. NO 9                      R15, R16 ARE P.O. NO 12                      R9, R10, R11 ARE P.O. NO 15</p> <div style="border: 1px solid black; width: 150px; height: 100px; margin-left: auto; margin-right: auto; position: relative;"> <div style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">C3</div> <div style="position: absolute; bottom: 5px; right: 5px; border: 1px solid black; padding: 2px;">MR2</div> <div style="position: absolute; bottom: 5px; right: 5px; border: 1px solid black; padding: 2px;">MR3</div> </div> <p style="text-align: right;">NOTE 1. RX2, RX5 TO BE MTD IN WIRING</p>	R1/R2/R3	R4/R19/R20	T1	R15/R16/R9/R10/R11	D	A	DD	AA	CB	CH	LA	LB	WS	SS	WA	MH	WB	SP
R1/R2/R3	R4/R19/R20																			
T1	R15/R16/R9/R10/R11																			
D	A																			
DD	AA																			
CB	CH																			
LA	LB																			
WS	SS																			
WA	MH																			
WB	SP																			

CHANGES  
 ISSUE 1  
 16.2.59

ORIGINATED BY **S.E.S**  
 DATE 16.2.59  
 SIGNED FOR COMMITTEE *[Signature]*

RELAY DESIGN FOR CIRCUIT

GBW 15050

TITLE DEPENDENT EXCHANGE O/G IVE LINE CIRCUIT  
FOR B/W JUNCTIONS TO PARENT EXCHANGE.

COMMITTEE'S WIRING DIAGRAM N<sup>o</sup>

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				
CR	5923P				2	5 3 <sup>4</sup>	22 21									
						B <sub>1</sub>	C	B								
D	1469				2	5 3 <sup>4</sup>	8 6 7	22 21	25 24	27 26	29 28					
						M	C	C	B	C	B	B				
DB	5958				2	5 3 <sup>4</sup>	22 21	24 23								
						M	C	M	B							
DC	5959				2	5 3 <sup>4</sup>	8 6 7	22 21	24 23	26 25	28 27					
						M	C	C	M	B	B	B				
DD	5960				2	4 3	7 5 6	22 21	24 23	26 25						
						M	M	C	M	B	B					
DX	5961P				3 12	23 22 21										B
						K <sub>1</sub>	K <sub>2</sub>									
LA	7083				2	5 3 <sup>4</sup>	22 21									
						M	C	M								
LB	5962				3 12	22 21										
						C	M									
MH	10421				2	22 21										
						M	M									
RG	60546				2	4 3	22 21									
						M	M	M								

NOTES SPECIAL FACTORS OF SAFETY A  
 SPECIAL ADJUSTMENTS B  
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CLASS	RELAY	NOTES																									
		<p>Fig. 2. FRONT VIEW</p> <table border="1"> <tr><td>R5/R6/R12</td><td>VI</td></tr> <tr><td>RG</td><td>AK</td></tr> <tr><td>B</td><td>BB</td></tr> <tr><td>BR</td><td>TX</td></tr> <tr><td>CD</td><td>CF</td></tr> <tr><td>RL</td><td>CR</td></tr> <tr><td>SR</td><td>SA</td></tr> <tr><td>SB</td><td>DB</td></tr> <tr><td>DX</td><td>DC</td></tr> </table> <p>TO BE FITTED WITH RELAY GUARD.                      R5, R6, R12, R13, R14 ARE P.O. NO. 9.                      R7, R8 ARE P.O. NO. 15.                      NOTE: 1. RX1, RX3, RX5 TO BE MOUNTED IN WIRING.</p> <table border="1"> <tr><td>C1 (R18)</td></tr> <tr><td>C4</td></tr> <tr><td>C5 (R17)</td></tr> <tr><td>C2A</td></tr> <tr><td>C2B</td></tr> <tr><td>R13/R14 R7/R8</td></tr> <tr><td>MRI</td></tr> </table>	R5/R6/R12	VI	RG	AK	B	BB	BR	TX	CD	CF	RL	CR	SR	SA	SB	DB	DX	DC	C1 (R18)	C4	C5 (R17)	C2A	C2B	R13/R14 R7/R8	MRI
R5/R6/R12	VI																										
RG	AK																										
B	BB																										
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			RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8			
RL	5963				3 12 C										
SA	5964P				3 12 C	6 45 C	9 78 C	22 21 M	25 24 23 C	27 26 B	29 28 B				
SB	5925				2 12 M	5 34 C	8 67 C	22 21 M	25 24 23 C	27 26 C	29 28 C				
SP	HSD514				3 12 C	23 22 21 C								B1	
SR	5942				2 12 M	4 3 M	6 5 M	22 21 M	25 24 23 K						
SS	5965				3 12 C	6 45 C	9 78 C	22 21 M	25 24 23 C	27 26 M	29 28 M				
TX	HSD512				3 12 C	23 22 21 C								B2	
WA	5966				2 1 B	22 21 B									
WB	5967				2 1 B	22 21 M									
WS	5968				2 12 M	5 34 C	7 6 M	9 0 B	22 21 M	25 24 23 C	27 26 M	29 28 B			

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CLASS	RELAY	NOTES
B1 B2	SP TX	TEST & R.A. FIGURES. " & " "

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