

RELAY DESIGN FOR CIRCUIT G. B. W. 13540 SHT. 1 OF 2

TITLE ADAPTOR CIRCUIT FOR NIGHT SWITCHING  
OF 'O' LEVEL CALLS FROM A.M.X. S.C.S.  
MANUAL BOARD TO MAIN. 2000 TYPE

COMMITTEE'S WIRING DIAGRAM NO. \_\_\_\_\_

RELAY NAME	COMM. CODE	DEPARTURES FROM DIAGRAM		SPRING NUMBERING CONTACT UNIT NUMBER								REFERENCES TO NOTES BELOW		
		RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8			
	<u>FIG. 1</u>													
BR	2245					5 4 3	8 7 6	22 25 21 23	24 27 26 28					
CT	20493					2 5 4 1 3 6	8 7 21 23	22 25 24 27	26 28 29					
ET	1105					2 4 1 3	22 24 21 23							
IA	1523													
LA	60319					2 5 4 1 3	22 21							
NS	1601					2 5 4 1 3 6	8 7 21 23	22 25 24 27	26 28 29					
PB	60012					2 4 1 3	7 6 5 21	22 25 23 24						
PX	60682					2 5 4 1 3	23 22 21							
PZ	60680					2 5 4 1 3	22 24 21 23							

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

CLASS	RELAY	NOTES															
		<p><b>FIG. 1</b></p> <table style="border: 1px solid black; margin: auto;"> <tr><td>PX</td><td>IE</td></tr> <tr><td>IA</td><td>LA</td></tr> <tr><td>≠ BR</td><td>CT ≠</td></tr> <tr><td>SQ</td><td>SR</td></tr> <tr><td>PB</td><td rowspan="4" style="border: 1px solid black; width: 40px; height: 40px;"></td></tr> <tr><td>ET</td></tr> <tr><td>≠ NS</td><td>DS</td></tr> <tr><td>PY</td></tr> <tr><td>PZ</td></tr> </table> <p><b>LAYOUT</b></p> <p>CI (R4) R1, R2 AND R3 MOUNTED IN CONDENSER BOX.                  ≠ RELAY GUARD</p>	PX	IE	IA	LA	≠ BR	CT ≠	SQ	SR	PB		ET	≠ NS	DS	PY	PZ
PX	IE																
IA	LA																
≠ BR	CT ≠																
SQ	SR																
PB																	
ET																	
≠ NS		DS															
PY																	
PZ																	

ISSUE 1.4.54 APP REDRAWN	ISS. 2. 10.1.55 RELAY 'PS' DELETED RELAY 'PX' ADDED RELAY 'PZ' WAS 4568.	ISS. 3. 11.11.55 IE WAS NOT SHOWN IN LAYOUT R1/2/3 WAS SHOWN IN POSN 2	ISS 4	DATE 10.1.55	SIGNED FOR S. T. C. COMMITTEE RHH /LPL
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RELAY DESIGN FOR CIRCUIT **G.B.W. 13540 SHT.2 of 2**

TITLE **ADAPTOR CIRCUIT FOR NIGHT SWITCHING OF 'O' LEVEL CALLS FROM A.M.X. S.C.S. MANUAL BOARD TO MAIN. 2000 TYPE**

COMMITTEE'S WIRING DIAGRAM NO. \_\_\_\_\_

RELAY NAME	COMM. CODE	DEPARTURES FROM DIAGRAM		SPRING NUMBERING CONTACT UNIT NUMBER								REFERENCES TO NOTES BELOW			
		RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8				
PY	60681				2 1	3	4 <sup>23</sup> 21 <sup>22</sup>								
SR	4031						4 <sup>28</sup>								
SQ	60966P					3 <sup>21</sup>	4 <sup>28</sup>								
IE	7668						2 <sup>24</sup>								
	FIG. 2														
NB	74975					2 <sup>22</sup> 1 <sup>21</sup>									

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

CLASS	RELAY	NOTES																				
CI	S	<p>CONTACT 3 IS SPARE</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> <p>FIG.2 A</p> <table style="border-collapse: collapse;"> <tr><td>1NB</td><td>2NB</td></tr> <tr><td>3NB</td><td>4NB</td></tr> <tr><td>5NB</td><td>6NB</td></tr> <tr><td>7NB</td><td>8NB</td></tr> <tr><td>9NB</td><td>10NB</td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <p>FIG.2 B</p> <table style="border-collapse: collapse;"> <tr><td>1NB</td><td>2NB</td></tr> <tr><td>3NB</td><td>4NB</td></tr> <tr><td>5NB</td><td>+</td></tr> <tr><td>+</td><td>+</td></tr> <tr><td>+</td><td>+</td></tr> </table> </div> </div> <p style="text-align: center;">LAYOUT</p>	1NB	2NB	3NB	4NB	5NB	6NB	7NB	8NB	9NB	10NB	1NB	2NB	3NB	4NB	5NB	+	+	+	+	+
1NB	2NB																					
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+	+																					
+	+																					

ISSUE 1.11.55 APP REDRAWN 155.2. 10.1.55 RELAY'S DELETED RELAY PY ADDED. 155.3. 11. 11. 55 SQ WAS 60655P IE WAS NOT SHOWN 155 4	DATE 10.1.55 SIGNED FOR COMMITTEE S.T.C. RHH/LPL
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