

RELAY CODES & COMPONENTS LIST, GBW 12330 MOD. B.

BOTHWAY TOLL LINE CIRCUIT FOR
STEP-BY-STEP EXCHANGES. N.Z. SIGNALLING
SYSTEM A.C. NO 1 (COMPAC TERMINATION)

RELAY	B.C.C. CODE	DIAG. FIG.	NOTES	COMPT. DESIGNATION	BPO CODE	NOTES
A	HS 501		TEST AND RA FIGS. B1	R1, R2	No 9	
AA	HSD 510		TEST AND RA FIGS. B2	R4-R6		
AK	5756		TO BE KEPT BETWEEN 350-450 mA	R7-R9	No 12	
AR	5806		AR2 SPARE AND UNWIRED C2	R10, R13		No 15A
AS	5758		OPERATE CFS WDS. 'a,b' AI = 3-34.	R11-R12	No 15	
AX	HSD 506		TEST AND RA FIGS. B3	R3, R31	No 16GD	MTD IN WIRING OF PART 1.
B	5759			R20-R28	No 26GC	
BB	5760			MR1-4	1/12AZ	
BR	5761			MR9		
BS	2556			MR6-7	2N/6AZ	
CB	5762			MR8	1/2AZ	
CD	5763			C1, C2	102	
D	5764			C5, 6, 7		
DR	5765		TEST AND RA FIGS. B4	C3, C4	MC. 103C MK2	
DS	5766			C8, 9, 11	101	
DT	5804			C10	100	
				JACK	21E	PART 2
				"	21F	
				PLUG	No 6	PART 1
				JACK	21E	
				"	21F	
				PLUGS	QUANTITY 2, No 6	
				R29-R30	No 6	
				MR15MD	AEI CODE 1314-A	PART 2

NOTES:- A. SPECIAL FACTORS OF SAFETY. B. SPECIAL ADJUSTMENTS. C. CCT. POINTS OR MODIFICATIONS.

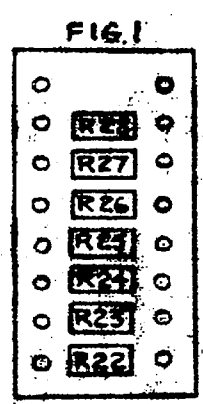
LAYOUT.

PART 1 FRONT VIEW

GQ	R2, R4
GS	AK
GT	AR
LF	AS
LR	B
MB	B
MM	R
RF	BS
RK	D
SA	DT
SS	G
TT	GR
RG	Z
ZR	XA
RA	SB

PART 2

R1	R14	R15	R16
R10-R12	R17	R18	R19
TR	A		
DR	AA		
M	AX		
RL	CB		
RT	CD		
S	DS		
SD	H		
SP	LE		
TX			
TY			
PC	MISS. MD		
PS			



URI MTD ON REAR OF PS

* FITTED WITH B.R.O. GUARD 56U/54.

EAK 131/1276/3
 30.6.69
 CE 393/3/64

12-2-63 NO CHANGE SHEET 3 AMENDED (72878)	ISSUE 2, 7-12-66 R4 DELETED. PS RELAY ADDED TO LAYOUT. MRS 10.11 REPLACED BY DIODES. (58088)	ISSUE 3, 17-12-69 NO CHANGE SHEET 2 AMENDED (20835)	ISSUE 4, NO CHANGE SHEET 2 AMENDED (39751)	ISSUE 5, 25-8-71 R4 INCLUDED (39872)	ISSUE 6, 21-12-71
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ORIGINATED BY	AEI
DATE	12-2-65
SIGNED FOR	AEI

5 Centimetres 10 15 20 25 30

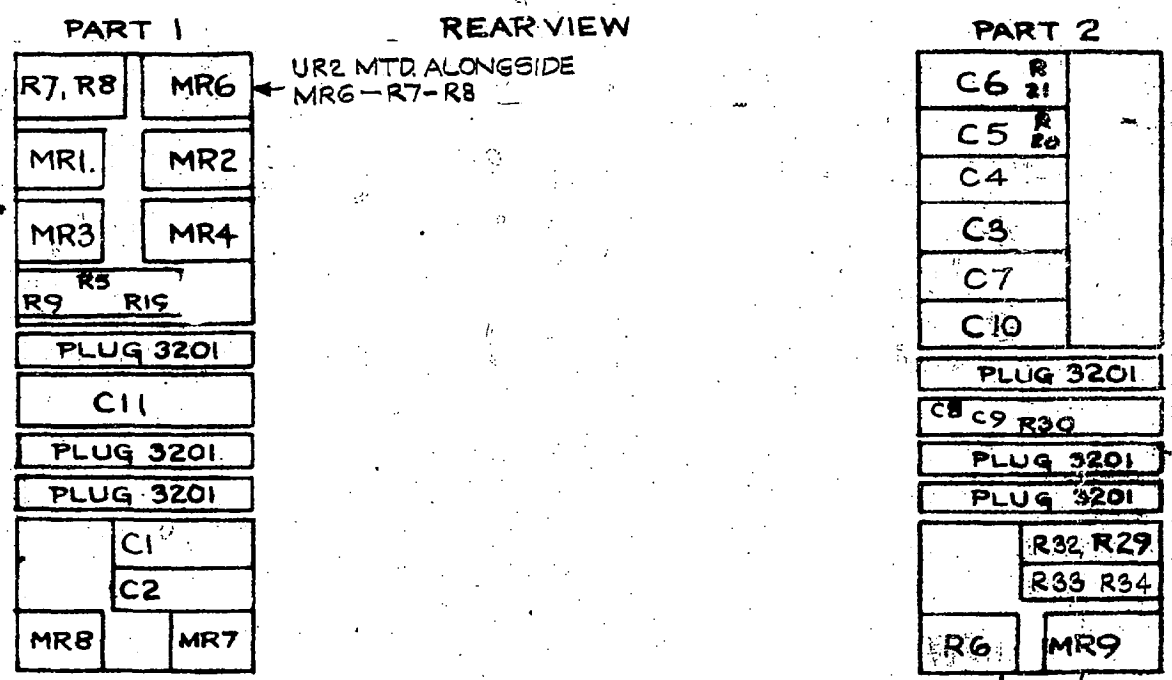
(74922) 29.0.63 R.6.

RELAY CODES & COMPONENTS LIST, **GBW 12330 Mod B**
BOTHWAY TOLL LINE CIRCUIT FOR STEP-BY-
STEP EXCHANGES, N.Z. SIGNALLING SYSTEM A.C. No. 1
 (COMPAC TERMINATION)

RELAY	B.C.C. CODE	DIAG. FIG.	NOTES	COMPT. DESIGNATION	B.P.O. CODE	NOTES
G	5805			MR5	HS 1009	MOUNTED IN THE WIRING
GQ	6022			MR10,11	HS 1009	" " " "
GR	5768		OPERATE C.F.S. 3-06 A1	UR1,UR2	AEI CODE 1062	
GS	5769			MR 12	1/2 A2	MOUNTED ON B RELAY
GT	5770P		OPERATE C.F.S. WDG. & L.C. = 3-02 A2	MR 13	HS 1009	WIRED ON RK2
H	5883			R32-R34	B.P.O. N°9	
LE	5808			MR 14		DA000 OR EQUIV. MTD. IN WIRING.
LF	5536					
LR	5773		TEST AND BI RA FIGURES SPARE C1			
M	5774		TEST AND RA FIGURES B2			
MB	10653		CONTACT Z1/Z2 SPARE C2			
MM	5775					
PC	5776		TEST AND RA FIGURES B3			
RA	1524					
RF	5777		TEST AND RA FIGURES B4			
RG	5778		OPERATE C.F.S. = 3-3 A3			
PS	4031					

NOTES:- A. SPECIAL FACTORS OF SAFETY. B. SPECIAL ADJUSTMENTS. C. CT. POINTS OR MODIFICATIONS.

LAYOUT.



EAK 131/1276/3
 30-6-69
 CE 393/3/64

ISSUE 1 12-2-63 NO CHANGE SHT 3 AMENDED (72878) (s.b.)	ISSUE 2 7-12-66 PS ADDED, UR1 & DIODES SHOWN (58086) (s.b.)	ISSUE 3 17-12-69 UR2, R32-34 & RECTIFIER MR12-13 ADDED C7 AND C10 RELOCATED. (20835)	ISSUE 4 DIODE MR14 ADDED. (39751) (DLM)	ISSUE 5 25-8-71 POSNS. OF C3, C4, C7, C10 & R6 CORRECTED. ED. (39872) (DLM)	ISSUE 6 21-12-71	ORIGINATED BY AEI
DATE						12-2-63
SIGNED FOR COMMITTEE						<i>ASH</i>

5 Centimetres

10

15

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25

30

(74222) 29.8.62 s.b.

RELAY CODES & COMPONENTS LIST, **GBW 12330 MOD B**
 BOTHWAY TOLL LINE CIRCUIT FOR STEP-BY-STEP EXCHANGES. N.Z. SIGNALLING SYSTEM A.C. NO 1.
 (COMPAC TERMINATION)

RELAY	B.C.C. CODE	DIAG. FIG	NOTES	COMPT. DESIG. NATION	BPO CODE	NOTES
RK	5779					
RL	5780					
RT	5781					
S	5782		TEST AND RA FIGURES B1			
SA	5783					
SB	70356					
SD	5784		TEST AND RA FIGURES B2			
SP	5785		OPERATE CFS WDG. 1a, b, = 3-36 AI			
SS	1007					
TR	5786					
TT	5787		OPERATE CFS A2 WDG. 1a, b, = 3-9 SPARE. CI			
TX	5788					
TY	5789					
XA	45706		TEST AND RA FIGURES B3			
Z	5790		RELEASE LAG RESTRICTED TO 150-200 M/S C2			
ZR	5791		RELEASE LAG RESTRICTED TO 80-110 M/S C3			
OR	B10249	FIG 3				
IR	B10249	FIG 3				

NOTES: A. SPECIAL FACTORS OF SAFETY. B. SPECIAL ADJUSTMENT. C. CCT. POINTS OR MODIFICATION.

LAYOUT

* COMBINED RELEASE LAG TO BE KEPT AS NEAR AS POSSIBLE TO 280 M/S

EAK 131/1276/3
 30.6.69
 CE 393/3/64

ISSUE 1 12.2.63 RELAYS OR, IR WERE NOT SHOWN (7287B)	ISSUE 2 7.12.66 NO CHANGE, SEE SHEETS 1&2 (58088)	ISSUE 3 17.12.69 NO CHANGE. SHEET 2 AMENDED. (20835)	ISSUE 4 NO CHANGE SHEET 2 AMENDED (39751)	ISSUE 5 25.8.71 NO CHANGE SHTS. 1&2 AND. (39872)	ISSUE 6 21.12.71	ORIGINATED BY AEI	DATE 12.2.63	SIGNED FOR COMMITTEE Ash
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5 Centimetres

15

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(74922) 29.9.62 (2264)

N.Z.S.