

RELAY DESIGN FOR CIRCUIT

GBW 13100

TITLE RINGING TONES AND METER PULSE CIRCUIT WITH
AUTOMATIC CHANGE-OVER
(TWO D.C. M/CS 37.5 OR 75 WATTS)

COMMITTEE'S WIRING DIAGRAM N°

RELAY NAME	COMM. CODE	IF NEW CODE (Card attached)	DEPARTURES FROM DIAGRAM		SPRING NUMBERING CONTACT UNIT NUMBER								REFERENCE TO NOTES BELOW		
			RESISTANCE	CONTACTS	1	2	3	4	5	6	7	8			
LA	1523							RETARD							
RFA, RFB	2300					2 1									
RFK, RFL, RFM, RFN	6278					B									
SAA, SHA, SAB, SHB	10836					M									
SA, SB	4551P					2 1	5 4 3	7 6	9 8	22 21	24 23	26 25	28 27		
ST	10837					Mpt	K	Mpt	Mpt	Mpt	Mpt	Mpt	Mpt		
SU	4074					2 1	4 3	22 21	24 23						
X, Y	6022					M	M	M	M						
XY	6281					2 1	4 3	5 6	22 21	24 23					
TTA TTB	73765P					B									
						2 1	4 3	6 4	22 21	24 23					
						Mpt	Mpt	Mpt	Mpt	M					

NOTES

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

CLASS RELAY NOTES

SAA	SBA	SCA	SDA	SEA	SFA	SGA	SHA			
SAB	SBB	SCB	SDB	SEB	SFB	SGB	SHB			
SA	SB	ST	SU	RFL	RFM	RFN	RFK			
X	Y	XY	LA	TTA	TTB	RFA*	*RFB			
	+	C1D	C1C	C1B	C1A	C8 C9 C10 C11	C4 C5 C6 C7	C2 C3 +	R16 R17 R18 R19 R35 R36	
	+	C12D	C12D	C12B	C12A					
R1/2	R11 R37 R38	+	+	R10A R10B R10C R10D	R9A R9B R9C R9D	R8A R8B R8C R8D	R7A R7B R7C R7D			
MR1	MR2	MR3	MR4	MR5	R33A R33B R33C R33D	R32A R32B R32C R32D	R31A R31B R31C R31D	R30A R30B R30C R30D		
C13A	C13B	C13C	C13D	C13E	C13F	C13G	DFA	+	+	+
C15A	C15B	C15C	C15D	C15E	C15F	C15G				
C14A	C14B	C14C	C14D	C14E	C14F	C14G	DFA	+	+	+
C16A	C16B	C16C	C16D	C16E	C16E	C16G	DFB	+	+	+

RESISTOR CODES

R1, R2, R7-R10 (ABC&D)
R30-R33 (ABC&D) AND ARE
P.O. N°9 TYPE.

R20-29 MOUNTED
WITH C2-C11 AND
ARE P.O. N°6 TYPE.
ALL OTHERS ARE
P.O. N°12 TYPE.

* DIODES D1-D8
MOUNTED AT REAR OF
RELAYS RFA & RFB.

ISS 1 19-11-52
RETRACED
FROM ISS 7
OF 12-2-64
DIODES D1-D8
ADDED
(129340)
ISS 7A 31077
DWH
DFA & DFB
ADDED
(42900)
ISS 7B GCG
12-4-84

DATE 19-11-52
SIGNED FOR COMMITTEE S.T. & C LPL

MASTER TRACING 28-23 SHT. 4

5 Centimeters 10 15 20 25 30