RELAY DESIGN FOR CIRCUIT GBW 12320

TITLE RINGING TONES AND METER PULSE CIRCUIT WITH AUTOMATIC CHANGEOVER 15 WATTS.

COMMITTEES WIRING DIAGRAM Nº

RELAY NAME	COMM CODE	IF NEW CODE (CARD ATTACHED)	DEPARTURES FROM DIAGRAM: RESISTANCE	DEPARTURES FROM DIAGRAM: CONTACTS	SPRING NUMBERING CONTACT UNIT NUMBER 1	2	3	4	5	6	7	8	REFERENCES TO NOTES BELOW
SA SB	4551P				1 2 / M	5 3 4 / K	6 7 / M	8 9 / M	22 21 / M	24 23 / M	26 25 / M	28 27 / M	
LA	1523					R	E	T	A	R	D		
XY	6281				1 2 / B								
RFK. RFL. RFM. RFN.	6278				1 2 / M								
SU	6001				1 2 22 / M M								
ST	4825				1 2 / M M	3 4 / M M	5 6 / M M	22 21 / M M	24 23 / M M				
SAA. SBA. SCA. SDA.	10836												
SEA. SFA. SGA. SHA.	10836				1 2 / B								
SAB. SBB. SCB. SDB.	10836												
SEB. SFB. SGB. SHB.	10836												

NOTES

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

CLASS.	RELAY	NOTES

LAYOUT. (WIDE PANEL) ※

SAA	SBA	SCA	SDA	SEA	SFA	RFA ∓					
SAB	SBB	SCB	SDE	SEB	SFB	RFB					
SGA	SHA	SA	RFK	RFM	XY	RF	X	Y	+		
SGB	SHB	SB	RFL	RFN	ST	SU	TTA	TTB	LA		
R1/ R2	R11/ R12/ R13/ R14/ R15	R7A/ 7B/ .7C	R7D/ R8D	R9A/ R9B/ R9C	R30A/ .0B/ R30C	R30D/ R31D	R32A/ R32B/ R32C	R37/ R38	+	+	+	MR1	MR2
R3/ R4/ R5/ R6	R16/ R17/ R18/ R19	R8A/ R8B/ R8C	R9D/ R10D	R10A/ R10B/ R10C	R31A/ R31B/ R31C	R32D/ R33D/ R34	R33A/ R33B/ R33C	R35/ R36	+	+	+	MR3	MR4
C1A	C12A			C2 C3	C6 C7	C10 C11					
C1B	C12B	DFA DFB		C4 C5	C8 C9	+					
C13A	C13E	C14B	C14F	C15C	C15G	C16D					
C13B	C13F	C14C	C14G	C15D	C16A	C16E					
C13C	C13G	C14D	C15A	C15E	C16B	C16F					
C13D	C14A	C14E	C15B	C15F	C16C	C16G					

∓ DIODES D1-D8 MOUNTED AT REAR OF RFA & RFB

※ FOR ALTERNATIVE NARROW PANEL LAYOUT SEE SHEET 2-2.

B.C. 24/64

ISSUE Nº
5. 9-4-54. RFA, RFB, R37 & R38 ADDED TO LAYOUT. (82730)
6. 15-4-64. DIODES D1-D8 ADDED (129349)
7. 3-10-77 DWH DFA & DFB ADDED (042299)
8. GCG 16:5:84

ORIGINATED BY.	E.T.
DATE	17-12-51
SIGNED FOR COMMITTEE	BEJP

RELAY DESIGN FOR CIRCUIT GBW 12320

TITLE RINGING TONES AND METER PULSE CIRCUIT WITH AUTOMATIC CHANGEOVER. 15 WATTS.

COMMITTEES 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	
RF	6001				1 2 / M	21 22 / M							
X	6022				1 2 / M	3 4 / M	5 6 / B	21 22 / M	23 24 / M				
Y	6022				1 2 / M	3 4 / M	5 6 / B	21 22 / M	23 24 / M				
TTA TTB	73765P				1 2 / Mpt	3 4 / Mpt	5 6 / Mpt	21 22 / Mpt	23 24 / M				
RFA RFB	2300				1 2 / B								

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

CLASS	RELAY	NOTES
		ALTERNATIVE LAYOUT FOR NARROW PANELS.
C	RFB RFA	DIODES ADDED TO REAR OF RELAYS RFA & RFB

ALTERNATIVE LAYOUT FOR NARROW PANELS.

SAA SAB	SBA SBB	SCA SCB	SDA SDB	SEA SEB	SFA SFB	TTA TTB	+ LA		
SGA SGB	SHA SHB	SA SB	RFK RFL	RFM RFN	XY ST	RF SU	X Y		
R1/ R2	R11/ R12/ R13/ R14/ R15	R7A/ R7B/ R7C	R7D/ R7E	R9A/ R9B/ R9C	R30A/ R30B/ R30C	R30D/ R31D	R32A/ R32B/ R32C	R37/ R38	MR1 MR2
R3/ R4/ R5/ R6	R16/ R17/ R18/ R19	R8A/ R8B/ R8C	R9D/ R10D	R10A/ R10B/ R10C	R31A/ R31B/ R31C	R32D/ R33D/ R34	R33A/ R33B/ R33C	R35/ R36	MR3 MR4
C1A C1B	C12A C12B	+ DFA DFB	C2 C3 C4 C5	C6 C7 C8 C9	C10 C11 +	+	+	+	+ +
C13A C13B	C13E C13F	C14B C14C	C14F C14G	C15C C15D	C15G C16A	C16D C16E			
C13C C13D	C13G C14A	C14D C14E	C15A C15B	C15E C15F	C16B C16C	C16F C16C			

NOTE. RELAYS RFA & RFB TO BE MOUNTED WHERE CONVENIENT ON SITE.

ISSUE Nº					
4. 9-4-54	ISSUE ADVANCED ONLY (G9257)	5. 28.5.63 RFA & RFB ADDED RFA, RFB MOUNTING NOTE ADDED R37 & R38 ADDED TO LAYOUT (82730) J.A.b.	6. 15.4.64 DIODES ADDED (129349)	7. 3.10.77 DWH DFA & DFB ADDED (042299)	8. GCG 16.5.84

ORIGINATED BY	E.T.
DATE	14-3-52
SIGNED FOR COMMITTEE	EEJP