

ITEM	SYM	DESCRIPTION	FUNCTION	MFR	MFR PT NO	TMC DWG OR PT NO	QTY PER UNIT	ALL SYMBOL DESIG INVOLVED	SPARES				REMARKS
									A	B	C	D	
1.	C1A,B	CAPACITOR, fixed: electrolytic; dual unit, 20 mfd each section; 450 wvdc.	Filter Condenser	CDC	CE52D200R	CE52D200R	1	C1A,B					
2.	C2A,B C3A,B	CAPACITOR, fixed: aper; dual unit, .1 mfd, ±15% ea. section; 600 wvdc; oil filled and impregnated, hermetically sealed metal case.	Filter Condenser	CDC	CP69B4EF104L	CP69B4EF104L	2	C2A,B, C3A,B					
3.	C3A,B	CAPACITOR, fixed: paper; dual unit, .1 mfd, ±15% each section; 600 wvdc; oil filled and impregnated, hermetically sealed meter case. (Same as C2A,B)	Time Constant	CDC	CP69B4EF104L	CP69B4EF104L	-						
4.	E1	BOARD, terminal: general purpose barrier type; two terminals, 6-32 x 5/16 Binder Head Brass Nickel Plated Machine Screw.	Output Terminals	JNS	2-164Y		1	E1					
5.	F1	FUSE, cartridge; 1 amp.	Line Fuse	BUS	AGC-1	FU-100-1.0	1	F1					
6.	J1	CONNECTOR, female contact: three contact shielded miniature type.	Input from ADK	ALD	413		1	J1					
7.	J2	CONNECTOR, male contact: two non-polarized blades.	Power Input Jack	HHB	6808		1	J2					
8.	K1	RELAY, sensitive: 5000 ohm coil.	Keying Relay	SIG	41R05KSK		1	K1					
9.	R1	RESISTOR, fixed: composition; 180 ohms, ±10%; 2 watts.	Fil. Dropping	AB	RC42GF181K	RC42GF181K	3	R1,2,3					
10.	R2	Same as R1.	Filter Res.										
11.	R3	Same as R1.	Filter Res.										
12.	R4	RESISTOR, fixed: wire wound; 5000 ohms, ±10%, 5 watts.	Voltage Divider	WLC	5F5000	RW-107-47							
13.	R5	RESISTOR, fixed: composition; 470 ohms, ±10%, 2 watts.	Voltage Divider	AB	RC42GF471K	RC42GF471K	2	R5,6					
14.	R6	Same as R5.	Voltage Divider										
15.	R7	RESISTOR, variable: composition; 100,000 ohms, ±10%, 1/2 watt; linear taper; 1/4" lg x 1/4" rd slotted shaft, w/ 3/8 - 32 x 3/8" lg bushing.	Speed Control	IRC	RQ11-128		1	R7					
16.	R8	RESISTOR, fixed: composition; 2700 ohms, ±10%; 1/2 watt.	Plate Resistor	AB	RC20GF272K	RC20GF272K	1	R8					
17.	R9	RESISTOR, variable: composition; 50,000 ohms, ±10%, 1/2 watt; linear taper; 1/4" lg x 1/4 rd slotted shaft, w/3/8 - 32 x 3/8" lg bushing.	Waveform Adjust	IRC	RQ11-123								

OBSOLETE  
JUN 12 1960

REVISIONS	ISSUE		TITLE	MORSE RELAY KEYING UNIT		PARTS & SPARE PARTS LIST
	DATE			MODEL MRK-1		
	JOB		THE TECHNICAL MATERIEL CORPORATION MAMARONECK, NEW YORK			
			DATE 5/52	SHEET 1	OF 2	SHEETS

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18.	R10	RESISTOR, fixed: composition; 3.3 megohms, ±10%; 1/2 watt.	Time Constant	AB	RC20GF335K	RC20GF335K	1	R10					
19.	S1	SWITCH, toggle: SPST.	Power On	AHH	ST12A	ST12A	1	S1					
20.	V1A,B	TUBE, electron: RMA 117N7GT	Relay Control & Rectifier	RCA	117N7GT		1	V1A,B					
21.	X1	SOCKET, tube: octal.	C1A,B socket	GIN	51B13405		3	X1,2,3					
22.	X2	Same as X1.	Socket for K1										
23.	X3	Same as X1.	Socket for V1										
24.	W1	CABLE ASSEMBLY: consists of two contact male plug type connectors, interconnected by 10" three conductor cable.		TMC	AEM102		1	W1					
25.	W2	CABLE ASSEMBLY: power; consists of one non-polarized straight type molded female receptacle, 6 ft. cable, one male non-polarized plug.		COR	1370-1		1	W2					
		<i>Schematic</i>				<i>CK-409</i>	<i>1</i>	<i>Schematic</i>					

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