

DESCRIPTION	MANUFACTURER	PART NUMBER	REFERENCE DES.	QUANTITY	
LINE CONNECTOR	STOCK LINE CORD		P1	1	
TERMINAL BLOCK 3 POSITION			TB1	1	
SWITCH, ROCKER, 12A 125V	STOCK SWITCH		SW1	1	
SWITCH, ROTARY, 10 POS	GRAYHILL	56D36-01-2-AJN	SW2	1	
SWITCH, PRESSURE	MPL	500-G-RANGE-B	SW3	1	
CONNECTOR 4 PIN BOX F	MOLEX		J2	1	
CONNECTOR 4 PIN BOX M	MOLEX		P2	1	
CONNECTOR 2 PIN F	MOLEX		J5	1	
CONNECTOR 2 PIN M	MOLEX		P5	1	
MOLEX PINS F			JX2-JX3	6	
MOLEX PINS M			PX2-PX3	6	
HEADER CONNECTOR 2 PIN M			P4	1	.1" pin spacing
HEADER CONNECTOR 2 PIN F			J4	1	.1" pin spacing
HEADER CONNECTOR 3 PIN M			P3	1	
HEADER CONNECTOR 3 PIN F			J3	1	
HEADER CONNECTOR PINS F			JX3	3	
DIODE 12KV 350 MA		CL01-12	CR8	1	
DIODE 1KV 1A		1N4007	CR1-CR7	7	
BRIDGE RECT 3KV 10A	HE BEN	BR3010	BR1	1	
ZENER, 51V		1N978B	VZ1-VZ3	3	
DIAC 32V		DB3	VZ4, VZ5	2	
ZENER, 75V		1N4761	VZ6	1	
ZENER 15V		1N5245	VZ7	1	
CAP 22uF 160V ELECTROLYTIC			C1	1	
CAP 2.2uF 250V METAL FILM			C2	1	
CAP .0068uF 100V			C3	1	
CAP .012uF 100V			C4	1	
CAP .033uF 250V~ METAL FILM			C5-C7	3	
CAP .1uF 200V METAL FILM			C8, C9	2	
CAP .01uF 630V CERAMIC			C10, C11	2	
CAP .47uF 250V METAL FILM			C12	1	
CAP 2.2uF 20V TANTALUM			C13	1	
CAP .1uF 50V CERAMIC			C14	1	
CAP .85uF 2100VAC FOIL FILM			C15, C16	2	
CAP 34uF 660 VAC			C17, C21	2	
	NOT USED		C18, 19, 20		
DESCRIPTION	MANUFACTURER	PART NUMBER	REFERENCE DES.	QUANTITY	
CAP .01uF 100V CER NPO			C22	1	
LAMP, INCANDESCENT, 6V			I1	1	
LARGE NEON INDICATOR IN-24			I2	1	
NEON LAMP		NE-2	I3, I4	2	
LED 4MM GREEN			LED1	1	
LED 4MM RED			LED2	1	
LED 4MM YEL			LED3	1	
FET N 60V 200MA		2N7000	Q1, Q2	2	
RES 750 OHM 1/2W			R1	1	
RES 20K 1/4W			R2, R3	2	
RES 120K 1/4W			R4	1	
RES 68K 1/4W			R5	1	
RES 4.7 OHM 1/4W			R6, R7	2	
RES 100 OHM 1/4W			R8, R9	2	
RES 3.3 OHM 2W			R10, R11	2	
RES 4.7M 1/4W 5%			R12	1	MEASURE RESISTANCE BEFORE INSTALLING
RES 2.7M 1/4W			R13	1	
RES 10K 1/4W			R34	1	
RES 47 OHM 2W			R15, R33	2	
RES 2.2M 3W 15KV	TEPRO	TM-2 SERIES	R16-R23, R27	9	PG 32
RES 10 OHM 70 WATT	DALE	HL-70-09Z	R24, R25	2	ISOLATE FROM GROUND ON 1/4" THICK POLYCARBONATE MOUNTING PLATE
RES 47 OHM 1/2 W CC	ALLEN BRADLEY		R26	1	
RES 22K 1/4W			R14, R28	2	
RES 910 1/4W			R29, R30	2	
RES 6.2K 1/4W			R31	1	
RES 5.1K 1/4W			R32	1	
TRIAC 50 AMP 800 V ISOLATED	ST	BTA50-800B	TR1, TR2	2	NO DATASHEET AVAILABLE
SCR 4 AMP 600V	ST	X0405MF	SCR1, SCR2	2	Replace with: BT145 800R, 800V 16A TO-220 package, manufactured by F
DUAL SCR, 1600V 90A ISOLATED	EUPEC	1690-002/009	U1, U2	2	
TIMER IC	FAIRCHILD	LM555	U3	1	
DIP SOCKET, 8 PIN			U3X	1	
POWER SUPPLY, 5V .8A				1	
TRANSFORMER 2100V	EDX-R	6170W1DO23D	T1	1	N16T5ZPY E
TRANSFORMER, PULSE 30:1:1			T2, T3	2	
BLOWER, VACUUM CLEANER	SEARS		B1	1	
1-1/4 in. PVC Service Entrance Cap	Carlson	#E998H-CAR	L1X	1	Internet #202206131 Model #E998G-CAR, Home Depot
BONDERITE M-CR 1201 AERO - ALODINE					Chromate Flash solution