

Figure 7-6 120 VAC Schematic

7-2 Electrical Symbols

Table 7-1 Electrical Symbols

COMPONENT	SYMBOL
AMMETER	
BATTERY (LONG LINE IS ALWAYS POSITIVE)	
SINGLE CELL	
MULTICELL	
CAPACITOR FIXED	
POLARIZED	
CIRCUIT BREAKER	
CONTACTS CLOSED (BREAK)	
OPEN (BREAK)	

Table 7-1 Electrical Symbols

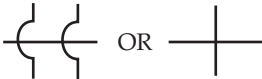







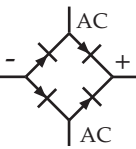




COMPONENT	SYMBOL
CROSS, NO CONNECTION	 OR 
CONNECTION	 OR 
CONNECTION, CHASSIS (GROUND)	
CONNECTION, EARTH GROUND	
CONNECTOR	
DIODE, SEMICONDUCTOR	
FULL-WAVE, BRIDGE-TYPE RECTIFIER	
FUSE	
AC GENERATOR	
DC GENERATOR	
HEATER	

Table 7-1 Electrical Symbols




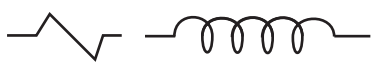






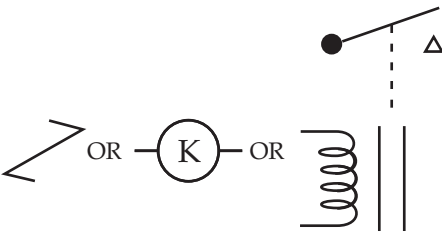
COMPONENT	SYMBOL
IGNITORS SPARK IGNITOR, GROUNDED	
SPARK IGNITOR, UNGROUNDED	
GLOW COIL; GLOW BAR; HOT WIRE	
INDUCTOR (COIL)	
INDUCTOR (SOLENOID)	
LAMP	
MOTOR, AC	
MOTOR, DC	
OHMMETER	
PIEZOELECTRIC CRYSTAL UNIT	
RELAY BASIC OPERATING COIL	

Table 7-1 Electrical Symbols

COMPONENT	SYMBOL
RELAY WITH TRANSFER CONTACTS	
THERMAL OPERATION RELAY WITH NORMALLY OPEN CONTACTS	
THERMAL OPERATION RELAY WITH NORMALLY CLOSED CONTACTS	
RESISTOR FIXED	
VARIABLE	
SWITCHES SINGLE-POLE-SINGLE THROW (SPST)	
SINGLE-POLE-DOUBLE THROW (SPDT)	
DOUBLE-POLE-SINGLE THROW (DPST)	
DOUBLE-POLE-DOUBLE THROW (DPDT)	
PUSH BUTTON MOMENTARY NORMALLY CLOSED (PBNC)	
PUSH BUTTON MOMENTARY NORMALLY OPEN (PBNO)	

Table 7-1 Electrical Symbols

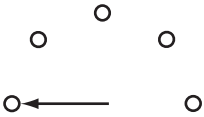
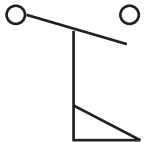
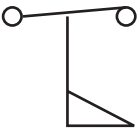
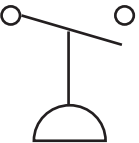
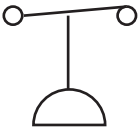
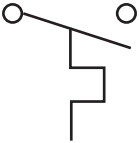
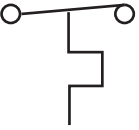




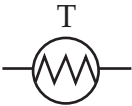

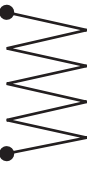
COMPONENT	SYMBOL
ROTARY	
FLOW - ACTUATED SWITCH-CLOSES ON INCREASE IN FLOW	
FLOW - ACTUATED SWITCH-OPEN ON INCREASE IN FLOW	
PRESSURE (P) - OR VACUUM (V) ACTUATED SWITCH, CLOSES ON RISING PRESSURE - LETTER IN SYMBOL	
PRESSURE (P) - OR VACUUM (V) ACTUATED SWITCH, OPENS ON RISING PRESSURE - LETTER IN SYMBOL	
TEMPERATURE - ACTUATED SWITCH CLOSES ON RISING TEMPERATURE	
TEMPERATURE - ACTUATED SWITCH OPENS ON RISING TEMPERATURE	
OPEN SWITCH WITH TIME - DELAY CLOSING (TDC) FEATURE	
CLOSED SWITCH WITH TIME - DELAY OPENING (TDO) FEATURE	

Table 7-1 Electrical Symbols

COMPONENT	SYMBOL
TERMINAL	
TRANSFORMER, IRON CORE	
THERMISTOR	
THERMOELECTRIC GENERATOR SINGLE THERMOCOUPLE	
THERMOPILE	
V - VOLTMETER	