

Figure 13 — Typical Motor Circuit

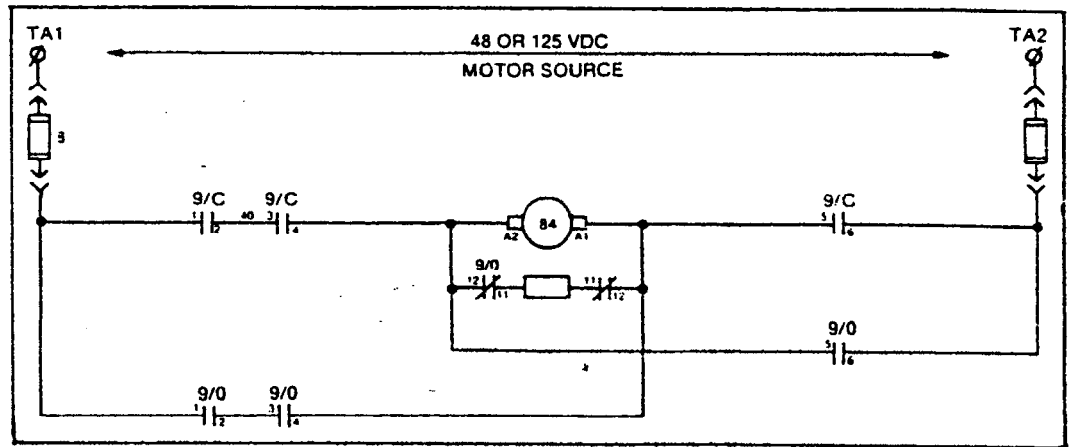
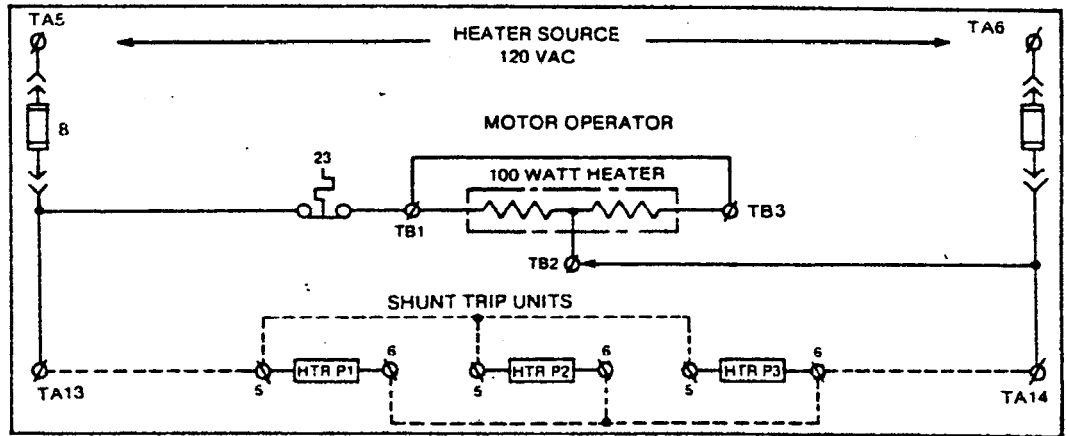


Figure 14 — Typical Heater Circuit



**Operating Current Ratings**

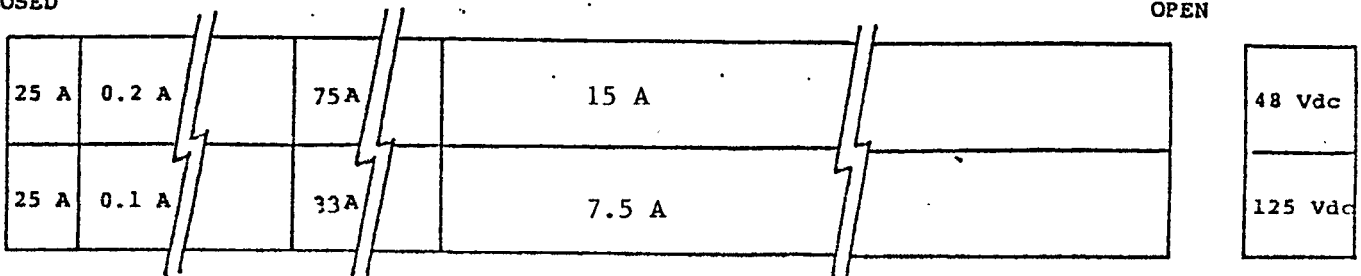
Device	@48 VDC	@125 VDC
Motor Inrush Current	75A	33A
Motor Running Current	15A	7.5A
Trip Coil Currents	24A	24A
Reversing Contactor Coil	1.2A	.5A
Anti-Pump Relay Coil	.2A	.1A
Time Delay Relay Coil	.2A	.1A
Motor Fuses	30A	15A
Heater Fuses	30A	15A

**Shunt Trip Unit**

125 V dc trip coil res.	15.5Ω
48 V dc trip coil res.	5.7Ω
Heater resistance	500Ω

CLOSED

OPEN



16mS	500 mS	100 mS	8 Seconds
Trip coil	sequencing (timer) relay	motor inrush current	total (steady state) running current