

Murex Sabre-arc 60i/PT81

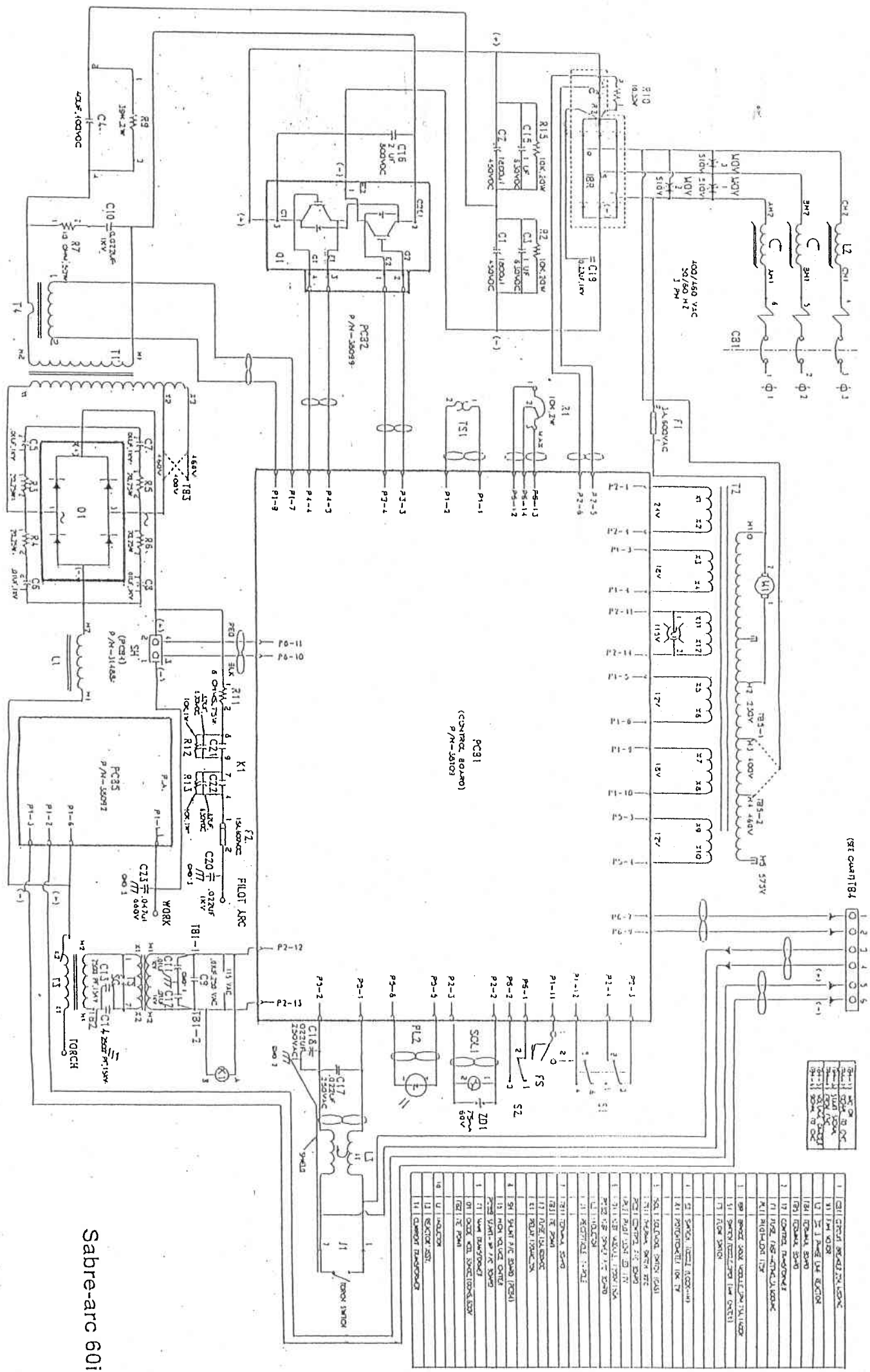
General Comments

The Sabre-arc 60i is very similar in operation to the Sabre-arc 35i - 415V version with the following exceptions:

1. a The Sabre-arc 60i has a pilot current circuit as per the Sabre-arc 50i/80i.
 - b This pilot current circuit operates as per the Sabre-arc 50i/80i and is energised in the same way, ie. the 115Vac supply that energises the High Frequency Circuit is used to energise the Pilot Current Relay.
2. From an operational point of view the Main PCB - PCB1 is the same as the Sabre-arc 35i. **However the PCB for the 60i is not interchangeable with the PCB from the 35i, as they are calibrated differently, ie. the IGBT firing frequency is different.**
3. The torch used on the 60i is the PT81, the same torch as used on the Sabre-arc 50i/80i.

PCB - Operation

See write-up for the Sabre-arc 35i



SET CASH 184

1	115 VAC
2	115 VAC
3	115 VAC
4	115 VAC
5	115 VAC
6	115 VAC
7	115 VAC
8	115 VAC
9	115 VAC
10	115 VAC
11	115 VAC

1	C31 CIRCUIT BREAKER 25 AMP
2	F1 FUSE 100 MA
3	T2 115 VAC 1000 VA
4	T3 115 VAC 1000 VA
5	T4 115 VAC 1000 VA
6	K1 RELAY 115 VAC
7	K2 RELAY 115 VAC
8	K3 RELAY 115 VAC
9	K4 RELAY 115 VAC
10	S1 SWITCH 115 VAC
11	S2 SWITCH 115 VAC
12	S3 SWITCH 115 VAC
13	S4 SWITCH 115 VAC
14	S5 SWITCH 115 VAC
15	S6 SWITCH 115 VAC
16	S7 SWITCH 115 VAC
17	S8 SWITCH 115 VAC
18	S9 SWITCH 115 VAC
19	S10 SWITCH 115 VAC
20	F2 FUSE 100 MA
21	F3 FUSE 100 MA
22	F4 FUSE 100 MA
23	F5 FUSE 100 MA
24	F6 FUSE 100 MA
25	F7 FUSE 100 MA
26	F8 FUSE 100 MA
27	F9 FUSE 100 MA
28	F10 FUSE 100 MA
29	L1 INDUCTOR
30	L2 INDUCTOR
31	L3 INDUCTOR
32	L4 INDUCTOR
33	L5 INDUCTOR
34	L6 INDUCTOR
35	L7 INDUCTOR
36	L8 INDUCTOR
37	L9 INDUCTOR
38	L10 INDUCTOR
39	C1 CAPACITOR
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42	C4 CAPACITOR
43	C5 CAPACITOR
44	C6 CAPACITOR
45	C7 CAPACITOR
46	C8 CAPACITOR
47	C9 CAPACITOR
48	C10 CAPACITOR
49	C11 CAPACITOR
50	C12 CAPACITOR
51	C13 CAPACITOR
52	C14 CAPACITOR
53	C15 CAPACITOR
54	C16 CAPACITOR
55	C17 CAPACITOR
56	C18 CAPACITOR
57	T1 TRANSFORMER
58	T2 TRANSFORMER
59	T3 TRANSFORMER
60	T4 TRANSFORMER
61	K1 RELAY
62	K2 RELAY
63	K3 RELAY
64	K4 RELAY
65	S1 SWITCH
66	S2 SWITCH
67	S3 SWITCH
68	S4 SWITCH
69	S5 SWITCH
70	S6 SWITCH
71	S7 SWITCH
72	S8 SWITCH
73	S9 SWITCH
74	S10 SWITCH
75	F1 FUSE
76	F2 FUSE
77	F3 FUSE
78	F4 FUSE
79	F5 FUSE
80	F6 FUSE
81	F7 FUSE
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83	F9 FUSE
84	F10 FUSE
85	L1 INDUCTOR
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94	L10 INDUCTOR
95	C1 CAPACITOR
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104	C10 CAPACITOR
105	C11 CAPACITOR
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107	C13 CAPACITOR
108	C14 CAPACITOR
109	C15 CAPACITOR
110	C16 CAPACITOR
111	C17 CAPACITOR
112	C18 CAPACITOR
113	T1 TRANSFORMER
114	T2 TRANSFORMER
115	T3 TRANSFORMER
116	T4 TRANSFORMER
117	K1 RELAY
118	K2 RELAY
119	K3 RELAY
120	K4 RELAY
121	S1 SWITCH
122	S2 SWITCH
123	S3 SWITCH
124	S4 SWITCH
125	S5 SWITCH
126	S6 SWITCH
127	S7 SWITCH
128	S8 SWITCH
129	S9 SWITCH
130	S10 SWITCH
131	F1 FUSE
132	F2 FUSE
133	F3 FUSE
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150	L10 INDUCTOR
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168	C18 CAPACITOR
169	T1 TRANSFORMER
170	T2 TRANSFORMER
171	T3 TRANSFORMER
172	T4 TRANSFORMER
173	K1 RELAY
174	K2 RELAY
175	K3 RELAY
176	K4 RELAY
177	S1 SWITCH
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186	S10 SWITCH
187	F1 FUSE
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228	T4 TRANSFORMER
229	K1 RELAY
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235	S3 SWITCH
236	S4 SWITCH
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284	T4 TRANSFORMER
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508	T4 TRANSFORMER
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516	S4 SWITCH
517	S5 SWITCH
518	S6 SWITCH
519	S7 SWITCH
520	S8 SWITCH
521	S9 SWITCH
522	S10 SWITCH
523	F1 FUSE
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525	F3 FUSE
526	F4 FUSE
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