



Overload Relay Heater Tables

Selection

Full Load Motor Amps^① – Table 111,112, 113

Table 111

Size			Heater Code
00, 0, 1	1P	2, 2½	
—	—	—	H1
—	—	—	H2
0.42–0.47	—	—	H3
0.48–0.52	—	—	H4
0.53–0.57	—	—	H5
0.58–0.63	—	—	H6
0.64–0.69	—	—	H7
0.70–0.77	—	—	H8
0.78–0.85	—	—	H9
0.86–0.95	0.86–0.95	—	H10
0.96–1.06	0.96–1.06	—	H11
1.07–1.19	1.07–1.19	—	H12
1.20–1.33	1.20–1.33	—	H13
1.34–1.46	1.34–1.46	—	H14
1.47–1.63	1.47–1.63	—	H15
1.64–1.77	1.64–1.77	—	H16
1.78–2.00	1.78–2.00	—	H17
2.01–2.18	2.01–2.18	—	H18
2.19–2.34	—	—	H19
2.35–2.55	2.19–2.55	—	H20
2.56–2.77	2.56–2.77	—	H21
2.78–3.10	2.78–3.10	—	H22
3.11–3.52	3.11–3.52	—	H23
3.53–3.90	3.53–3.90	—	H24
3.91–4.40	3.91–4.40	—	H25
4.41–4.94	4.41–4.94	—	H26
4.95–5.46	4.95–5.46	—	H27
5.47–6.12	5.47–6.12	—	H28
6.13–6.96	6.13–6.96	—	H29
6.97–7.60	6.97–7.60	—	H30
7.61–8.40	7.61–8.40	—	H31
8.41–9.64	8.41–9.64	—	H32
9.65–11.0	9.65–11.0	12.1–13.9	H33
11.1–11.4	11.1–11.4	14.0–15.2	H34
11.5–12.6	11.5–12.6	15.3–16.2	H35
12.7–13.4	12.7–13.4	16.3–17.6	H36
13.5–15.1	13.5–15.1	17.7–20.3	H37
15.2–16.3	15.2–16.3	20.4–21.3	H38
16.4–17.2	16.4–17.2	21.4–22.5	H39
17.3–19.7	17.3–19.7	22.6–25.1	H40
19.8–22.5	19.8–22.5	25.2–28.9	H41
22.6–24.7	22.6–25.5	29.0–33.3	H42
—	25.6–28.5	33.4–37.0	H43
—	28.6–32.1	37.1–42.4	H44
—	32.2–35.0	42.5–46.0	H45
—	—	46.1–51.7	H46
—	—	51.8–56.4	H48
—	—	56.5–60.0	H49

①Heaters \$11.60 each.

Table 112

Size			Heater Code
00, 0, 1	1P	2, 2½	
0.35–0.39	—	—	H1
0.40–0.44	—	—	H2
0.45–0.50	—	—	H3
0.51–0.55	—	—	H4
0.56–0.61	—	—	H5
0.62–0.68	—	—	H6
0.69–0.74	—	—	H7
0.75–0.82	—	—	H8
0.83–0.92	—	—	H9
0.93–1.02	0.96–1.06	—	H10
1.03–1.13	1.07–1.17	—	H11
1.14–1.29	1.18–1.34	—	H12
1.30–1.45	1.35–1.50	—	H13
1.46–1.57	1.51–1.63	—	H14
1.58–1.74	1.64–1.80	—	H15
1.75–1.92	1.81–1.99	—	H16
1.93–2.18	2.00–2.26	—	H17
2.19–2.34	2.27–2.42	—	H18
—	—	—	H19
2.35–2.62	2.43–2.71	—	H20
2.63–2.97	2.72–3.08	—	H21
2.98–3.25	3.09–3.37	—	H22
3.26–3.60	3.38–3.73	—	H23
3.61–4.00	3.74–4.14	—	H24
4.01–4.50	4.15–4.66	—	H25
4.51–5.10	4.67–5.28	—	H26
—	—	—	H27
5.11–6.32	5.29–6.55	—	H28
6.33–6.81	6.56–7.05	—	H29
6.82–7.69	7.06–7.97	—	H30
7.70–8.54	7.98–8.85	—	H31
8.55–9.54	8.86–9.88	—	H32
9.55–10.7	9.89–11.1	12.6–14.5	H33
10.8–12.1	11.2–12.5	14.6–16.0	H34
12.2–12.7	12.6–13.4	16.1–16.9	H35
12.8–14.0	13.5–14.5	17.0–18.5	H36
14.1–14.9	14.6–15.4	18.6–21.1	H37
15.0–16.9	15.5–17.5	21.2–22.2	H38
17.0–18.1	17.6–18.8	22.3–23.6	H39
18.2–18.9	18.9–21.4	23.7–26.2	H40
19.0–22.0	21.5–23.9	26.3–30.1	H41
22.1–24.7	24.0–27.2	30.2–34.5	H42
24.8–27.0	27.3–30.5	34.6–38.9	H43
—	30.6–34.4	39.0–44.7	H44
—	34.5–35.0	44.8–48.8	H45
—	—	48.9–54.2	H46
—	—	54.3–60.0	H48

Table 113

Amps				Heater Code
25, 30	60	100	165	
0.41–0.44	—	—	—	H1
0.45–0.48	—	—	—	H2
0.49–0.56	—	—	—	H3
0.57–0.62	—	—	—	H4
0.63–0.66	—	—	—	H5
0.67–0.73	—	—	—	H6
0.74–0.80	—	—	—	H7
0.81–0.92	—	—	—	H8
0.93–0.98	—	—	—	H9
0.99–1.06	—	—	—	H10
1.07–1.17	—	—	—	H11
1.18–1.33	—	—	—	H12
1.34–1.48	—	—	—	H13
1.49–1.65	—	—	—	H14
1.66–1.80	—	—	—	H15
1.81–2.00	—	—	—	H16
2.01–2.21	—	—	—	H17
2.22–2.59	—	—	—	H18
2.60–2.66	—	—	—	H19
2.67–3.01	—	—	—	H20
3.02–3.10	—	—	—	H21
3.11–3.60	—	—	—	H22
3.61–4.00	—	—	—	H23
4.01–4.57	—	—	—	H24
4.58–5.00	—	—	—	H25
5.01–5.75	—	—	—	H26
5.76–6.60	—	—	—	H27
6.61–7.13	—	—	—	H28
7.14–8.06	—	—	—	H29
8.07–8.90	8.4–9.2	—	—	H30
8.91–10.0	9.3–10.0	—	—	H31
10.1–11.0	10.1–11.1	—	—	H32
11.1–12.7	11.2–13.0	—	—	H33
12.8–13.3	13.1–14.0	—	—	H34
13.4–14.6	14.1–14.9	—	—	H35
14.7–15.0	15.0–15.9	—	—	H36
15.1–17.5	16.0–18.0	—	—	H37
17.6–18.4	18.1–19.6	—	—	H38
18.5–20.0	19.7–20.9	—	—	H39
20.1–23.0	21.0–24.4	—	—	H40
23.1–26.5	24.5–27.6	26.4–29.8	—	H41
26.6–30.0	27.7–31.4	29.9–34.0	—	H42
—	31.5–35.6	34.1–39.4	—	H43
—	35.7–39.3	39.5–43.1	—	H44
—	39.4–43.7	43.2–47.7	46.2–50.3	H45
—	43.8–48.4	47.8–53.7	50.4–57.8	H46
—	48.5–50.1	53.8–55.3	57.9–60.6	H47
—	50.2–54.7	55.4–62.1	60.7–66.2	H48
—	54.8–60.0	62.2–69.6	66.3–75.4	H49
—	—	69.7–77.1	75.5–84.0	H50
—	—	77.2–85.2	84.1–90.2	H51
—	—	85.3–93.0	90.3–99.1	H52
—	—	93.1–100.0	99.2–108.9	H76
—	—	—	109.0–114.9	H77
—	—	—	115.0–129.9	H78
—	—	—	130.0–138.9	H79
—	—	—	139.0–150.9	H85
—	—	—	151.0–165.0	H86

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Heater Tables and
Replacement Parts