

Single Phase- Size 00,0,1,1P,2

Motor Ampere Rating - Type TM, HP, DPS				
Open Starter Bimetallic Relay		Heater Catalog Number	Enclosed Starter Non-Ambient and Open or Enclosed Starters Ambient Compensated Relay	
Min	Max		Min	Max
.55	.59	2411	.53	.57
.60	.65	2412	.58	.63
.66	.69	2413	.64	.67
.70	.77	2414	.68	.75
.78	.84	2415	.76	.82
.85	.96	2416	.83	.93
.97	1.06	2417	.94	1.03
1.07	1.14	2418	1.04	1.11
1.15	1.29	2419	1.12	1.25
1.30	1.37	2420	1.26	1.33
1.38	1.47	2421	1.34	1.43
1.48	1.68	2422	1.44	1.63
1.69	1.93	2423	1.64	1.87
1.94	2.17	2424	1.88	2.11
2.18	2.38	2425	2.12	2.31
2.39	2.63	2426	2.32	2.55
2.64	2.96	2427	2.56	2.87
2.97	3.20	2429	2.88	3.11
3.21	3.57	2430	3.12	3.47
3.58	3.90	2431	3.48	3.79
3.91	4.27	2432	3.80	4.15
4.28	4.52	2433	4.16	4.39
4.53	5.10	2434	4.40	4.95
5.11	5.50	2435	4.96	5.34
5.51	5.92	2436	5.35	5.75
5.93	6.58	2437	5.76	6.39
6.59	7.24	2438	6.40	7.03
7.25	8.23	2439	7.04	7.99
8.24	9.05	2441	8.00	8.79
9.06	10.00	2442	8.80	9.75
10.10	10.60	2443	9.76	10.3
10.70	12.30	2444	10.4	11.9
12.40	13.40	2445	12.0	13.0
13.50	14.70	2446	13.1	14.3
14.80	16.80	2447	14.4	16.3
16.90	19.30	2448	16.4	18.7
19.40	21.10	2450	18.8	20.5
21.20	24.20	2451	20.6	23.5
24.30	25.90	2452	23.6	25.0
26.00	28.50	2453	25.1	27.1
28.60	33.80	2454	27.2	31.9
33.90	37.90	2455	32.0	35.9
38.00	40.00	2456	36.0	38.9
		2457	39.0	40.0

Three Phase- Size 00, 0, 1, 1P, 2

Motor Ampere Rating - Type TM, HP, DPS					
Open Starter Bimetallic Relay		Heater Catalog Number	Enclosed Starter Non-Ambient and Open or Enclosed Starters Ambient Compensated Relay		
Min	Max		Min	Max	
.44	.48	2411	.42	.46	
.49	.54	2412	.47	.51	
.55	.59	2413	.52	.56	
.60	.67	2414	.57	.64	
.68	.73	2415	.65	.70	
.74	.81	2416	.71	.77	
.82	.91	2417	.78	.87	
.92	.98	2418	.88	.93	
.99	1.07	2419	.94	1.02	
1.08	1.16	2420	1.03	1.10	
1.17	1.27	2421	1.11	1.21	
1.28	1.44	2422	1.22	1.37	
1.45	1.63	2423	1.38	1.55	
1.64	1.88	2424	1.56	1.79	
1.89	2.05	2425	1.80	1.95	
2.06	2.26	2426	1.96	2.15	
2.27	2.55	2427	2.16	2.43	
2.56	2.76	2429	2.44	2.63	
2.77	3.10	2430	2.64	2.95	
3.11	3.35	2431	2.96	3.19	
3.36	3.75	2432	3.20	3.55	
3.76	4.06	2433	3.56	3.87	
4.07	4.64	2434	3.88	4.43	
4.65	5.23	2435	4.44	4.99	
5.24	5.79	2436	5.00	5.51	
5.80	6.20	2437	5.52	5.91	
6.21	6.96	2438	5.92	6.71	
6.97	7.71	2439	6.72	7.35	
7.72	8.15	2441	7.36	7.75	
8.16	8.79	2442	7.76	8.47	
8.80	9.65	2443	8.48	9.19	
9.66	10.6	2444	9.20	10.1	
10.7	12.2	2445	10.2	11.6	
12.3	13.7	2446	11.7	13.0	
13.8	15.7	2447	13.1	14.9	
15.8	17.6	2448	15.0	16.8	
17.7	19.1	2450	16.9	18.2	
19.2	20.9	2451	18.3	19.9	
21.0	24.3	2452	20.0	23.1	
24.4	26.0	2453	23.2	24.7	
26.1	29.3	2454	24.8	27.9	
29.4	31.4	2455	28.0	29.9	

31.5	34.8	2456	30.0	33.1
34.9	40.1	2457	33.2	38.3
40.2	43.6	2459	38.4	41.5
43.7	45.0	2460	41.6	45.0

Three Phase Starter Overload Relay Heater

Table - Type TM- Sizes 3 & 4

Motor Ampere Rating				
Open Starter Bimetallic Relay		Heater Catalog Number	Enclosed Starter Non-Ambient and Open or Enclosed Starters Ambient Compensated Relay	
Min	Max		Min	Max
7.5	8.2	2514	7.4	7.9
8.3	10.1	2515	8.0	9.9
10.2	10.8	2516	10.0	10.5
10.9	12.1	2517	10.6	11.9
12.2	13.7	2518	12.0	13.5
13.8	17.0	2519	13.6	16.7
17.1	19.2	2520	16.8	18.8
19.3	20.8	2521	18.9	20.3
20.9	23.2	2522	20.4	22.7
23.3	25.2	2523	22.8	24.7
25.3	29.1	2524	24.8	28.5
29.2	32.3	2525	28.6	31.6
32.4	36.0	2526	31.7	35.2
36.1	39.9	2527	35.3	39.1
40.0	43.4	2528	39.2	42.3
43.5	47.6	2529	42.4	46.4
47.7	52.4	2530	46.5	50.8
52.5	59.2	2531	50.9	57.3
59.3	66.0	2532	57.4	63.7
66.1	73.3	2533	63.8	70.7
73.4	80.4	2534	70.8	77.3
80.5	87.9	2535	77.4	83.1
88.0	95.0	2536	83.2	90.9
95.1	102.7	2537	91.0	97.6
102.8	111.9	2538	97.7	106.0
112.0	122.9	2539	106.1	115.4
123.0	133.9	2540	115.5	123.9
134.0	135.0	2541	124.0	135.0

Three Phase Starter Overload Relay Heater

Type TM- Sizes 5

Motor Ampere Rating		
Open Starter Bimetallic Relay		Heater Catalog Number
Min	Max	

76.8	81.5	2418
81.6	89.4	2419
89.5	94.1	2420
94.2	105.9	2421
106.0	119.9	2422
120.0	134.9	2423
135.0	156.9	2424
157.0	170.9	2425
171.0	188.9	2426
189.0	211.9	2427
212.0	229.9	2429
230.0	256.9	2430
257.0	270.0	2431

Three Phase Starter Overload Relay Heater

Type TM- Sizes 6

Motor Ampere Rating			Heater Catalog Number
Open Starter Bimetallic Relay		Max	
Min	Max		
95.2	106.0		2421
106.1	121.0		2422
121.1	136.0		2423
136.1	158.0		2424
158.1	172.0		2425
172.1	190.0		2426
190.1	214.0		2427
214.1	231.0		2429
231.1	259.0		2430
259.1	281.0		2431
281.1	312.0		2432
312.1	340.0		2433
340.1	390.0		2434
390.1	438.0		2435
438.1	484.0		2436
484.1	520.0		2437
520.1	540.0		2438

Free Standing Panel Mounted Sizes 1 & 2-Type TM

Heater Catalog Number	Motor Ampere Rating				Overload Relay Size	
	Single Phase One Heater		Three Phase 3 Heater			
	Min	Max	Min	Max		
2411	.58	.62	.46	.51	O	O
2412	.63	.68	.52	.56	V	V
2413	.69	.78	.57	.62	E	E

2414	.79	.88	.63	.70	R	R
2415	.89	.98	.71	.77	L	L
2416	.99	1.07	.78	.85	O	O
2417	1.08	1.21	.86	.96	A	A
2418	1.22	1.29	.97	1.02	D	D
2419	1.30	1.41	1.03	1.12		
2420	1.42	1.49	1.13	1.18	S	S
2421	1.50	1.68	1.19	1.33	I	I
2422	1.69	1.91	1.34	1.51	Z	Z
2423	1.92	2.15	1.52	1.70	E	E
2424	2.16	2.49	1.71	1.97		
2425	2.50	2.71	1.98	2.15	1	2
2426	2.72	2.99	2.16	2.37		
2427	3.00	3.37	2.38	2.67		
2429	3.38	3.67	2.68	2.89		
2430	3.68	4.09	2.90	3.24		
2431	4.10	4.53	3.25	3.51		
2432	4.54	4.92	3.52	3.90		
2433	4.93	5.30	3.91	4.25		
2434	5.31	6.14	4.26	4.87		
2435	6.15	6.89	4.88	5.48		
2436	6.90	7.64	5.49	6.05		
2437	7.65	8.19	6.06	6.50		
2438	8.20	9.29	6.51	7.38		
2439	9.30	10.1	7.39	8.07		
2441	10.2	10.7	8.08	8.55		
2442	10.8	11.7	8.56	9.34		
2443	11.8	12.6	9.35	10.0		
2444	12.7	14.0	10.1	11.1		
2445	14.1	16.2	11.2	12.8		
2446	16.3	18.0	12.9	14.3		
2447	18.1	20.7	14.4	16.4		
2448	20.8	23.3	16.5	18.5		
2450	23.4	25.4	18.6	20.0		
2451	25.5	27.9	20.1	22.1		
2452	28.0	32.9	22.2	26.1		
2453	33.0	35.9	26.2	28.4		
2454	36.0	40.6	28.5	30.0		
2453	33.0	35.9	-	-		
2454	36.0	40.6	28.5	32.2		
2455	40.7	45.5	32.3	36.1		
2456	45.6	52.3	36.2	41.4		
2457	52.4	58.0	41.5	47.9		
2459	-	-	48.0	50.0		