

HEATER & TRIP COIL SELECTION TABLE FOR SIZE 0 & 1 STARTERS  
(A82) WITH STANDARD OVERLOAD RELAYS

MOTOR CONTROL CENTER APPLICATION

FOR CONTINUOUS RATED 40°C RISE MOTORS, USE HEATER AS SPECIFIED IN TABLE. FOR CONTINUOUS RATED 50°C TO 55°C RISE MOTORS, USE ONE SIZE SMALLER HEATER THAN ABOVE. FOR CONTINUOUS RATED 60°C TO 65°C RISE MOTORS, USE ONE SIZE SMALLER HEATER THAN ABOVE. THE CURRENT AT WHICH HEATERS WILL TRIP THE OVERLOAD RELAY IS 1.25 TIMES THE MINIMUM FULL LOAD CURRENT IN THE TABLE. HEATERS SO SELECTED GIVE 125% PROTECTION.

HEATER CAT. NO.	MOTOR CURRENT		AMP-CAP TRIP COIL CAT. NO.	INSTANT. TRIP SETTING	HEATER CAT. NO.	MOTOR CURRENT		AMP-CAP TRIP COIL CAT. NO.	INSTANT. TRIP SETTING
	MIN.	MAX.				MIN.	MAX.		
G30112	489	541	A80B10	1	G3013/A	6.80	7.57	A80H10	1
G30113	542	596	A80B10	2	G3013/B	7.55	8.52	A80H10	2
G30114	596	656	A80B10	2	G3013/C	8.52	9.52	A80H10	3
G30115	660	727	A80B10	4	G30140	9.53	10.4	A80H10	5
G30116	728	805	A80B10	5					
G30117	806	893	A80B10	HI	G30137	5.67	6.79	A80C10	HI
G30118	894	986	A80C10	1					
G30119	987	1,07	A80C10	1	G30145/A	16.4	17.7	A80K10	1
G30120	1,08	1,20	A80C10	2	G30145/B	17.8	19.0	A80K10	2
G30121	1,21	1,32	A80C10	3	G30147/A	19.1	20.3	A80K10	2
G30122	1,33	1.47	A80C10	4	G30148/A	20.4	21.7	A80K10	4
G30123	1.48	1.61	A80D10	1	G30149/A	21.8	23.2	A80K10	4
G30124	1.62	1.79	A80D10	2	G30149/B	23.3	24.7	A80K10	5
G30125	1.97	1.96	A80D10	3	G30150/A	24.8	26.5	A80K10	5
G30126	2.20	2.41	A80D10	5	G30151/A	26.6	28.4	A80K10	HI
G30127	2.20	2.41	A80E10	HI					
G30128	2.42	2.68	A80E10	1					
G30129	2.69	2.95	A80E10	1					
G30130	2.99	3.26	A80E10	2					
G30131	3.21	3.46	A80E10	3					
G30132A	3.47	3.78	A80E10	3					
G30132B	3.79	4.11	A80E10	4					
G30133	4.12	4.43	A80E10	5					

U. L. 508 REQUIRES THE FOLLOWING WARNING:

WARNING: The opening of the branch circuit protective device is an indication that the current has been interrupted. To provide continued protection, the opening of the branch circuit protective device is an indication that a fault current has been interrupted. To provide continued protection against fire or shock hazard, the complete motor controller should be examined and replaced if damaged and if burnout of the current element of an overload relay occurs, the complete overload relay must be replaced.

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Gould

HEATER & TRIP COIL SELECTION TABLE FOR SIZE 2 STARTERS  
(A82) WITH STANDARD OVERLOAD RELAYS

MOTOR CONTROL CENTER APPLICATION

FOR CONTINUOUS RATED 40°C RISE MOTORS, USE HEATER AS SPECIFIED IN TABLE. FOR CONTINUOUS RATED 50°C TO 55°C RISE MOTORS, USE ONE SIZE SMALLER HEATER THAN ABOVE. THE CURRENT AT WHICH HEATERS WILL TRIP THE OVERLOAD RELAY IS 1.25 TIMES THE MINIMUM FULL LOAD CURRENT IN THE TABLE. HEATERS SO SELECTED GIVE 125% PROTECTION.

HEATER CAT. NO.	MOTOR CURRENT		AMP-CAP TRIP COIL CAT. NO.	INSTANT. TRIP SETTING	HEATER CAT. NO.	MOTOR CURRENT		AMP-CAP TRIP COIL CAT. NO.	INSTANT. TRIP SETTING
	MIN.	MAX.				MIN.	MAX.		
G30117	522	590	A80C10	1	G30144A	16.4	18.2	A80K10	1
G30118	100	110	A80C10	1	G30144/B	18.2	19.8	A80K10	2
G30119	111	122	A80C10	2	G30146/A	19.9	21.1	A80K10	3
G30120	135	1.48	A80C10	4	G30147A	21.2	22.7	A80K10	4
G30121	1.52	1.66	A80C10	2	G30148/A	22.8	24.2	A80K10	4
G30122	1.49	1.65	A80D10	1	G30149A	24.3	25.9	A80K10	5
G30123	1.62	1.81	A80D10	2	G30149B	26.0	27.6	A80K10	HI
G30124	1.82	2.02	A80D10	3					
G30125	2.03	2.22	A80D10	4	G30150A	27.7	29.6	A80L10	1
G30126	2.23	2.45	A80D10	HI	G30151/A	29.7	31.5	A80L10	2
G30127	2.46	2.72	A80E10	1	G30153A	31.6	34.1	A80L10	3
G30128	2.73	3.01	A80E10	1	G30154	34.2	36.7	A80L10	4
G30129	3.04	3.33	A80E10	2	G30155	36.8	39.4	A80L10	5
G30130	3.34	3.68	A80E10	2	G30157	39.5	42.1	A80L10	HI
G30131	3.59	3.89	A80E10	3					
G30132A	3.90	4.21	A80E10	3					
G30132B	4.22	4.57	A80E10	5					

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