Constant Horsepower – NEMA Sizes 0...5

Heater Elements – Starters with eutectic alloy overload relay require three heater elements. See Heater Elements Specifications Technical Data, publication 592-TD010, for heater element selection.

NEMA Size	Continuous Ampere Rating [A]	Maximum Horsepower Rating (Full Load Current Must Not Exceed Continuous Ampere Rating)				600V AC Maximum, 60 Hz, with 3-phase Overload Protection	
		3-Phase Motor Voltage				2-speed Separate Winding (3-pole)	2-speed Consequent Pole (5-pole)
		200V	230V	50 Hz 380...415V	460...575V	Cat. No.(1)(2)	Cat. No.(1)
0	18	2	2	3	3	520E-A0⊗-✪-✪	520G-A0⊗-✪-✪
1	27	5	5	7.5	7.5	520E-B0⊗-✪-✪	520G-B0⊗-✪-✪
2	45	7.5	10	20	20	520E-C0⊗-✪-✪	520G-C0⊗-✪-✪
3	90	20	25	40	40	520E-D0⊗-✪-✪	520G-D0⊗-✪-✪
4	135	30	40	60	75	520E-E0⊗-✪-✪	520G-E0⊗-✪-✪
5	270	60	75	100	150	520E-F0⊗-✪-✪	520G-F0⊗-✪-✪

(1) The cat. nos. as listed are incomplete. Select a value from the Voltage Code table and a two values from the Overload Relay Code table, to complete each cat. no.
Example: To select a 240V AC coil voltage with a E1 Plus overload relay, Cat. No. 520E-F0⊗-✪-✪ becomes Cat. No. 520E-F0A-A2N-A2N.
(2) These starters are for wye-connected motor windings, not for open delta-connected motor windings. Use Consequent Pole starters for open delta-connected motor windings.

⊗ Voltage Code

Note: The base contactor includes a 120V AC coil as standard. For all other voltages, an alternate coil will be included in the modular kit for field installation.

[V]	24(1)	110	120	125	208	220	240	250	277	380	415	440	480	550	600
AC, 50 Hz	J	D	–	–	–	–	–	–	–				–		–
AC, 60 Hz	J	–	D	–	H	–	A	–	F	–	–	–	B	–	C

(1) When using 24V coils on sizes 4 or 5, an interposing relay may be required. For coil VA values, see AC Operating Coils on page 26.

✪ Overload Relay Code

Select two overload relay codes to complete the cat. no. The first code is for the high-speed overload relay and the second code is for the low-speed overload relay.

Code	Description
blank	Eutectic alloy
23	no overload relay

E100 Solid-state Overload Relay (3-phase)		
Code	NEMA Size	Full Load Current Adjustment Range [A]
A2C	00, 0, 1	0.2...1.0
A2E	00, 0, 1	1.0...50
A2F	00, 0, 1	3.2...16
A2G	0, 1, 2	5.4...27
A2J	1, 2	11...55
A2L	3	20...100
A2M	4	30...150
A2N	5	60...300