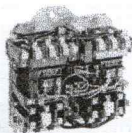


Factory Assembled Product Selection



Constant or Variable Torque — NEMA Sizes 0...5

Heater Elements — Starters with eutectic alloy overload relay require three heater elements. See Heater Elements Specifications Technical Data, publication 582-TDQ10, 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	3	3	5	5	520E-A0-	520F-A0-
1	27	7.5	7.5	10	10	520E-B0-	520F-B0-
2	45	10	15	25	25	520E-C0-	520F-C0-
3	90	25	30	50	50	520E-D0-	520F-D0-
4	135	40	50	75	100	520E-E0-	520F-E0-
5	270	75	100	150	200	520E-F0-	520F-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-12N-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.

(3) For proper overload relay selection when low speed full load currents are less than 77 A, contact your local Rockwell Automation sales office or Allen-Bradley distributor.

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. You cannot choose a solid-state overload relay for the low-speed overload relay. It can only be eutectic or no overload relay.

Code	Description
blank	Eutectic alloy
23	no overload relay

E100 Solid-state Overload Relay (3-phase) ⁽¹⁾		
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

(1) Only available for high-speed overload relay.