

Circuit breaker type ① Non-reversing, three phase

3

NEMA size	Continuous current	Maximum ratings – UL Listed			UL Type 1 (Indoor metal)		UL Type 3R (Outdoor metal)	
		Maximum motor horsepower ratings [Ⓜ]			Catalog number	List price	Catalog number	List price
		200V	230V	460/575V				
NEMA rated								
00	9	1.5	1.5	2	A9NSM1-84★◆◆	\$ 930	A9NSM3-84★◆◆	\$ 1110
0	18	3	3	5	A16NSM1-84★◆◆	990	A16NSM3-84★◆◆	1170
1	27	7.5	7.5	10	A26NSM1-84★◆◆	1073	A26NSM3-84★◆◆	1253
2	45	10	15	25	A50NSM1-84★◆◆	1755	A50NSM3-84★◆◆	1935
3	90	25	30	50	A75NSM1-84★◆◆	2550	A75NSM3-84★◆◆	2880
4	135	40	50	100	A145NSM1-84★◆◆	4020	A145NSM3-84★◆◆	5235
5	270	75	100	200	A260NSM1-84★◆◆	8160	A260NSM3-84★◆◆	10,155
6	540	150	200	400	A460NSM1-70★◆◆	19,350	A460NSM3-70★◆◆	21,150
7	810	—	300	600	A750NSM1-70★◆◆	24,150	A750NSM3-70★◆◆	27,330

★ Overload relay suffix code. Select from the overload relay selection chart on page 3.6. Overload relays are required for all combination starters. If overload relay is provided by customer, substitute an "X" in place of the ★ and then subtract list price of overload relay from combination starter's list price.

◆ MCP or breaker rating. See MCP codes on page 3.50.

Example: A9NSM1-84X \$ 930 List
- 63 - OLR
\$ 867 Net price

Coil voltage selection

All AC operated catalog numbers include a 120VAC coil. To select other coil voltages, substitute the code from the Coil Voltage Selection Chart for the two digits after the last dash in the catalog number.

Ex.: A 240V coil is required for an A75 starter: A75NSM1-80★◆◆

To select starter with control transformer, substitute the code from the Control transformer voltage selector chart for the two digits after the last dash in the catalog number.

Ex.: A 480V primary voltage with a 120V secondary voltage is required for an A75 starter: A75SRF1-8F

Coil voltage selection – A9 - A300 ③

Hz	Cntr type	Volts															
		12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	A	81	83	84	84		34	36	80	42		86	86	51	53	55	
50	A	81	83	84					80			85	86			55	

For other voltages, see page 1.26.

Coil voltage selection – A400 - A750 ③

Hz	Cntr type	Volts			
		24 - 60	48 - 130	100 - 250	250 - 500
60	AF	68	69	70	71
50	AF	68	69	70	71
DC	AF	68	69	70	71

Control transformer voltage selection chart

Hz	Type	Volts			
		208/120	230 – 240/120	460 – 480/120	575 – 600/120
50/60	A/AF	0	7	8	9

For other voltages, consult factory.

Control transformer option

Contactors size	VA rating	List price adder
A9 – A40	45 ①	\$ 300
A9 – A40	50	360
A50 – A75	75	435
A95 – A110	100	560
A145 – A185	150	720
A210 – A300	250	795
A400 – A460	150	720 ④
A580 – A750	250	795 ④

Maximum short circuit rating for UL listed combination starters

Contactors	Maximum MCP 480VAC	KA at 480VAC	MCP 600VAC	KA at 600VAC
A9	S3L050MW	35	S3L010MW	35
A12	S3L050MW	35	S3L010MW	35
A16	S3L050MW	35	—	—
A26	S3L100MW	35	S3L100MW	35
A30	S3L150MW	65	—	—
A40	S3L150MW	65	—	—
A50	S3L150MW	85	S3L150MW	35
A63	S4L250MW	85	—	—
A75	S4L250MW	85	—	—
A95	S4L250MW	85	S4L250MW	35
A110	S4L250MW	85	S4L250MW	35
A145	S5L400MW	65	S4L250MW	10
A185	S5L400MW	85	S4L250MW	10
A210	S6L800MW	85	S4L250MW	18
A260	S6L800MW	85	S5L400MW	18
A300	S6L800MW	85	S5L400MW	18
A400	S7H1200MW	85	Consult factory	
A460	S7H1200MW	85		
A580	S7H1200MW	85		
A750	S7H1200MW	85		

For thermal magnetic molded case breakers, consult factory.

Factory modifications

See page 3.3

① MCPs are supplied as standard. Thermal magnetic breakers can be supplied by substituting the letter "B" in place of the "M". List price is the same. Example: A9SB3-84★◆◆, \$ 1110.00.

② No primary fusing provided.

③ For AF50 - AF300 starters, consult factory.

④ A400 - A750 utilizes the AF wide range coil with a lower coil consumption than A210 - A300