

# Circuit breaker type ①

## A9 - A750

### Reversing, three phase

3

UL motor switching current	Maximum ratings – UL Listed				UL Type 1 (Indoor metal)		UL Type 3R (Outdoor metal)	
	Maximum motor horsepower ratings ②				Catalog number	List price	Catalog number	List price
	200/208V	230/240V	460/480V	575/600V				
<b>UL rated</b>								
9	2	2	5	7.5	A9SRM1-84★◆◆	\$ 1185	A9SRM3-84★◆◆	\$ 1365
11	3	3	7.5	10	A12SRM1-84★◆◆	1275	A12SRM3-84★◆◆	1455
17	5	5	10	15	A16SRM1-84★◆◆	1335	A16SRM3-84★◆◆	1515
28	7.5	10	20	25	A26SRM1-84★◆◆	1478	A26SRM3-84★◆◆	1658
34	10	10	25	30	A30SRM1-84★◆◆	1703	A30SRM3-84★◆◆	1883
42	10	15	30	40	A40SRM1-84★◆◆	1935	A40SRM3-84★◆◆	2115
54	15	20	40	50	A50SRM1-84★◆◆	2468	A50SRM3-84★◆◆	2648
65	20	25	50	50	A63SRM1-84★◆◆	2899	A63SRM3-84★◆◆	3030
80	25	30	60	75	A75SRM1-84★◆◆	2940	A75SRM3-84★◆◆	4035
95	30	30	60	75	A95SRM1-84★◆◆	3705	A95SRM3-84★◆◆	5100
110	30	40	75	100	A110SRM1-84★◆◆	4200	A110SRM3-84★◆◆	5235
130	40	50	100	125	A145SRM1-84★◆◆	4335	A145SRM3-84★◆◆	7470
156	50	60	125	150	A185SRM1-84★◆◆	6285	A185SRM3-84★◆◆	8970
192	60	75	150	200	A210SRM1-84★◆◆	8310	A210SRM3-84★◆◆	13,080
248	75	100	200	250	A260SRM1-84★◆◆	8160	A260SRM3-84★◆◆	14,640
302	100	100	250	300	A300SRM1-84★◆◆	11,115	A300SRM3-84★◆◆	16,110
414	125	150	250	400	A400SRM1-70★◆◆	18,435	A400SRM3-70★◆◆	18,975
480	150	200	400	500	A460SRM1-70★◆◆	31,635	A460SRM3-70★◆◆	33,435
590	200	250	500	600	A580SRM1-70★◆◆	40,035	A580SRM3-70★◆◆	41,835
810	250	300	600	700	A750SRM1-70★◆◆	42,885	A750SRM3-70★◆◆	46,065

★ 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. Example: A9SRM1-84X \$ 1185 List  
 ◆◆ MCP or breaker rating. See codes on page 3.48. - 63 - OLR  
 \$ 1122 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: A75SRM1-80★◆◆

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

### Factory modifications

See page 3.3

#### 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 ⑤
50	AF	68	69	70	71 ⑤
DC	AF	68	69	70	71 ⑤

#### 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.

### Maximum short circuit rating for UL listed combination starters

Contactor	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.

### Control transformer option

Contactor 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

① MCPs are supplied as standard. Thermal magnetic/electronic trip type breakers can be supplied by substituting the letter "B" in place of the "M". List price is the same.

Example: A9SRB1-84★◆◆, \$ 740.00.

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.

⑤ AF400 - AF750 only.

# Circuit breaker type ①

## A9 - A750

### Reversing, three phase

Combination starters

3

UL Type 12 (Metal dusttight)		UL Type 4 (Watertight)		UL Type 4X (Stainless steel)		UL Type 1, 3R, 4, 4X & 12 (Plastic)	
Catalog number	List price	Catalog number	List price	Catalog number	List price	Catalog number	List price
<b>UL rated</b>							
A9SRM2-84★◆◆	\$ 1365	A9SRM4-84★◆◆	\$ 1515	A9SRMX-84★◆◆	\$ 2090	A9SRMP-84★◆◆	\$ 1320
A12SRM2-84★◆◆	1455	A12SRM4-84★◆◆	1605	A12SRMX-84★◆◆	2180	A12SRMP-84★◆◆	1410
A16SRM2-84★◆◆	1515	A16SRM4-84★◆◆	1688	A16SRMX-84★◆◆	2240	A16SRMP-84★◆◆	1470
A26SRM2-84★◆◆	1658	A26SRM4-84★◆◆	1800	A26SRMX-84★◆◆	2405	A26SRMP-84★◆◆	1703
A30SRM2-84★◆◆	1883	A30SRM4-84★◆◆	2100	A30SRMX-84★◆◆	2878	A30SRMP-84★◆◆	1853
A40SRM2-84★◆◆	2115	A40SRM4-84★◆◆	2438	A40SRMX-84★◆◆	3395	A40SRMP-84★◆◆	2085
A50SRM2-84★◆◆	2648	A50SRM4-84★◆◆	2963	A50SRMX-84★◆◆	3988	A50SRMP-84★◆◆	2618
A63SRM2-84★◆◆	3030	A63SRM4-84★◆◆	3338	A63SRMX-84★◆◆	4505	A63SRMP-84★◆◆	3090
A75SRM2-84★◆◆	4035	A75SRM4-84★◆◆	4200	A75SRMX-84★◆◆	5210	A75SRMP-84★◆◆	3855
A95SRM2-84★◆◆	5100	A95SRM4-84★◆◆	5500	A95SRMX-84★◆◆	7200	A95SRMP-84★◆◆	4450
A110SRM2-84★◆◆	5235	A110SRM4-84★◆◆	5663	A110SRMX-84★◆◆	7415	A110SRMP-84★◆◆	4700
A145SRM2-84★◆◆	7470	A145SRM4-84★◆◆	7950	A145SRMX-84★◆◆	9885	A145SRMP-84★◆◆	7620
A185SRM2-84★◆◆	8970	A185SRM4-84★◆◆	9638	A185SRMX-84★◆◆	12,510	A185SRMP-84★◆◆	9250
A210SRM2-84★◆◆	13,080	A210SRM4-84★◆◆	13,650	A210SRMX-84★◆◆	16,545	A210SRMP-84★◆◆	13,300
A260SRM2-84★◆◆	14,640	A260SRM4-84★◆◆	15,450	A260SRMX-84★◆◆	21,735	A260SRMP-84★◆◆	15,000
A300SRM2-84★◆◆	16,110	A300SRM4-84★◆◆	18,150	A300SRMX-84★◆◆	28,260	A300SRMP-84★◆◆	17,600
A400SRM2-70★◆◆	18,975	A400SRM4-70★◆◆	21,000	A400SRMX-70★◆◆	32,835	-	-
A460SRM2-70★◆◆	33,435	A460SRM4-70★◆◆	35,850	A460SRMX-70★◆◆	41,280	-	-
A580SRM2-70★◆◆	41,835	A580SRM4-70★◆◆	45,000	A580SRMX-70★◆◆	53,385	-	-
A750SRM2-70★◆◆	46,065	A750SRM4-70★◆◆	48,338	A750SRMX-70★◆◆	56,385	-	-

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◆◆ MCP or breaker rating. See codes on page 3.48.

### Motor circuit protector data

Motor full load amperes	MCP continuous rating	Suffix code ◆	Catalog number	Starter size	1.5X	2X	4X	5X	6X	7X	8X	9X	10X	11X	12X
					—	—	—	—	—	—	—	—	—	—	—
.92 - 2.76	3	A	S3L003MW	0	—	—	12	15	18	21	24	27	30	33	36
1.53 - 4.61	5	B	S3L005MW	0	—	—	20	25	30	35	40	45	50	55	60
3.07 - 9.23	10	C	S3L010MW	0	—	—	40	50	60	70	80	90	100	110	120
7.69 - 23.08	25	D	S3L025MW	1	—	—	100	125	150	175	200	225	250	275	300
15.38 - 46.15	50	E	S3L050MW	2	—	—	200	250	300	350	400	450	500	550	600
30.77 - 92.31	100	F	S3L100MW	3	—	—	400	500	600	700	800	900	1000	1100	1200
46.15 - 138.46	150	G	S3L150MW	4	—	—	600	750	900	1050	1200	1350	1500	1650	1800
28.85 - 230.77	250	H	S4L250MW	4	375	500	1000	—	1500	—	2000	—	2500	—	3000
46.15 - 369.23	400	J	S5L400MW	5	600	800	1600	—	2400	—	3200	—	4000	—	4800
69.23 - 553.85	600	K	S6L600MW	6	900	1200	2400	—	3600	—	4800	—	6000	—	7200
92.31 - 738.46	800	L	S6L800MW	7	1200	1600	3200	—	4800	—	6400	—	8000	—	9600
115.38 - 923.07	1000	M	S7H1000MW	7	1500	2000	4000	—	6000	—	8000	—	10,000	—	12,000
138.46 - 1107.69	1200	N	S7H1200MW	7	1800	2400	4800	—	7200	—	9600	—	12,000	—	14,400