

# Fusible disconnect switch type ①

## A9 - A750

### Non-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 <sup>②</sup>					Catalog number	List price	Catalog number	List price
	200V/208V	230/240V	460/480V	575/600V	Fuse clip rating amp/volts				
UL rated									
9	2	2	5	7.5	30/600	A9SF1-84★6A	\$ 885	A9SF3-84★6A	\$ 1065
11	3	3	7.5	10	30/600	A12SF1-84★6A	915	A12SF3-84★6A	1095
17	5	5	10	15	30/600	A16SF1-84★6A	945	A16SF3-84★6A	1125
28	7.5	10	20	25	60/600	A26SF1-84★6B	1020	A26SF3-84★6B	1230
34	10	10	25	30	60/600	A30SF1-84★6B	1095	A30SF3-84★6B	1313
42	10	15	30	40	60/600	A40SF1-84★6B	1185	A40SF3-84★6B	1418
54	15	20	40	50	100/600	A50SF1-84★6C	1725	A50SF3-84★6C	1913
65	20	25	50	50	100/600	A63SF1-84★6C	1980	A63SF3-84★6C	2138
80	25	30	60	75	200/600	A75SF1-84★6D	2445	A75SF3-84★6D	2858
95	30	30	60	75	200/600	A95SF1-84★6D	2590	A95SF3-84★6D	3290
110	30	40	75	100	200/600	A110SF1-84★6D	2925	A110SF3-84★6D	3818
130	40	50	100	125	200/600	A145SF1-84★6E	3735	A145SF3-84★6E	5183
156	50	60	125	150	400/600	A185SF1-84★6E	4650	A185SF3-84★6E	5400
192	60	75	150	200	400/600	A210SF1-84★6E	6870	A210SF3-84★6E	8850
248	75	100	200	250	400/600	A260SF1-84★6E	7680	A260SF3-84★6E	9930
302	100	100	250	300	400/600	A300SF1-84★6E	8100	A300SF3-84★6E	10,350
414	125	150	350	400	600/600	A400SF1-70★6F	11,895	A400SF3-70★6F	12,600
480	150	-	-	-	600/600	A460SF1-70★6F	16,890	A460SF3-70★6F	19,560
480	-	200	400	500	800/600	A460SF1-70★6G	18,750	A460SF3-70★6G	21,600
590	200	250	500	600	1200/600	A580SF1-70★6H	22,050	A580SF3-70★6H	25,050
810	250	300	600	700	1200/600	A750SF1-70★6H	23,550	A750SF3-70★6H	28,050

NEMA rated									
NEMA size	Continuous current	200V	230V	460/575V					
00	9	1.5	1.5	2	30/600	A9NSF1-84★6A	\$ 885	A9NSF3-84★6A	\$ 1065
0	18	3	3	5	30/600	A16NSF1-84★6A	945	A16NSF3-84★6A	1125
1	27	-	7.5	10	30/600	A26NSF1-84★6A	1020	A26NSF3-84★6A	1230
1	27	7.5	-	-	60/600	A26NSF1-84★6B	1020	A26NSF3-84★6B	1230
2	45	10	15	25	60/600	A50NSF1-84★6B	1725	A50NSF3-84★6B	1913
3	90	-	-	50	100/600	A75NSF1-84★6C	2021	A75NSF3-84★6C	2434
3	90	25	30	-	200/600	A75NSF1-84★6D	2445	A75NSF3-84★6D	2858
4	135	40	50	100	200/600	A145NSF1-84★6E	3735	A145NSF3-84★6E	5183
5	270	75	100	200	400/600	A260NSF1-84★6E	7680	A260NSF3-84★6E	9930
6	540	150	-	-	600/600	A460NSF1-70★6F	16,890	A460NSF3-70★6F	19,560
6	540	-	200	400	800/600	A460NSF1-70★6G	18,750	A460NSF3-70★6G	21,600
7	810	-	300	600	1200/600	A750NSF1-70★6H	23,550	A750NSF3-70★6H	28,050

★ 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: A9SF1-84X6A \$ 885 List  
 - 63 - OLR  
 \$ 823 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 fused starter: A75SF1-80F6D

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: A75SF1-8F

### 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 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.

### Control transformer option

Contact 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

### Factory modifications

See page 3.3

- ① Power fuses are not included as standard.
- ② No primary fusing provided.
- ③ For AF50 - AF 300 starters, consult factory.
- ④ A400 - A750 utilizes the AF wide range coil with a lower coil consumption than A210 - A300.
- ⑤ AF400 - AF750 only.

# Fusible disconnect switch type A9 - A750 Non-reversing, three phase

3

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>							
A9SF2-84★6A	\$ 1065	A9SF4-84★6A	\$ 1350	A9SFX-84★6A	\$ 1800	A9SFP-84★6A	\$ 1005
A12SF2-84★6A	1095	A12SF4-84★6A	1380	A12SFX-84★6A	1830	A12SFP-84★6A	1035
A16SF2-84★6A	1125	A16SF4-84★6A	1425	A16SFX-84★6A	1860	A16SFP-84★6A	1065
A26SF2-84★6B	1230	A26SF4-84★6B	1530	A26SFX-84★6B	1965	A26SFP-84★6B	1148
A30SF2-84★6B	1313	A30SF4-84★6B	1688	A30SFX-84★6B	2295	A30SFP-84★6B	1230
A40SF2-84★6B	1418	A40SF4-84★6B	1898	A40SFX-84★6B	2685	A40SFP-84★6B	1335
A50SF2-84★6C	1913	A50SF4-84★6C	2400	A50SFX-84★6C	3340	A50SFP-84★6C	1830
A63SF2-84★6C	2138	A63SF4-84★6C	2640	A63SFX-84★6C	3600	A63SFP-84★6C	2055
A75SF2-84★6D	2858	A75SF4-84★6D	3300	A75SFX-84★6D	4020	A75SFP-84★6D	2475
A95SF2-84★6D	3290	A95SF4-84★6D	3950	A95SFX-84★6D	4990	A95SFP-84★6D	3125
A110SF2-84★6D	3818	A110SF4-84★6D	4275	A110SFX-84★6D	5850	A110SFP-84★6D	3550
A145SF2-84★6E	5183	A145SF4-84★6E	5685	A145SFX-84★6E	7455	A145SFP-84★6E	4880
A185SF2-84★6E	5400	A185SF4-84★6E	6200	A185SFX-84★6E	8865	A185SFP-84★6E	5400
A210SF2-84★6E	8850	A210SF4-84★6E	9600	A210SFX-84★6E	12,375	A210SFP-84★6E	8800
A260SF2-84★6E	9930	A260SF4-84★6E	10,950	A260SFX-84★6E	16,800	A260SFP-84★6E	10,100
A300SF2-84★6E	10,350	A300SF4-84★6E	12,000	A300SFX-84★6E	22,350	A300SFP-84★6E	11,200
A400SF2-70★6F	12,600	A400SF4-70★6F	14,663	A400SFX-70★6F	26,400	-	-
A460SF2-70★6F	19,560	A460SF4-70★6F	21,360	A460SFX-70★6F	26,955	-	-
A460SF2-70★6G	21,600	A460SF4-70★6G	23,400	A460SFX-70★6G	28,995	-	-
A580SF2-70★6H	25,050	A580SF4-70★6H	27,000	A580SFX-70★6H	37,350	-	-
A750SF2-70★6H	28,050	A750SF4-70★6H	30,000	A750SFX-70★6H	39,000	-	-

<b>NEMA rated</b>							
A9NSF2-84★6A	\$ 1065	A9NSF4-84★6A	\$ 1350	A9NSFX-84★6A	\$ 1800	A9NSFP-84★6A	\$ 1005
A16NSF2-84★6A	1125	A16NSF4-84★6A	1425	A16NSFX-84★6A	1860	A16NSFP-84★6A	1065
A26NSF2-84★6A	1230	A26NSF4-84★6A	1530	A26NSFX-84★6A	1965	A26NSFP-84★6A	1148
A26NSF2-84★6B	1230	A26NSF4-84★6B	1530	A26NSFX-84★6B	1965	A26NSFP-84★6B	1148
A50NSF2-84★6B	1913	A50NSF4-84★6B	2400	A50NSFX-84★6B	3240	A50NSFP-84★6B	1830
A75NSF2-84★6C	2434	A75NSF4-84★6C	2876	A75NSFX-84★6C	3596	A75NSFP-84★6C	2051
A75NSF2-84★6D	2858	A75NSF4-84★6D	3300	A75NSFX-84★6D	4020	A75NSFP-84★6D	2475
A145NSF2-84★6E	5183	A145NSF4-84★6E	5685	A145NSFX-84★6E	7455	A145NSFP-84★6E	4880
A260NSF2-84★6E	9930	A260NSF4-84★6E	10,950	A260NSFX-84★6E	16,800	A260NSFP-84★6E	10,100
A460NSF2-70★6F	19,560	A460NSF4-70★6F	21,360	A460NSFX-70★6F	26,955	-	-
A460NSF2-70★6G	21,600	A460NSF4-70★6G	23,400	A460NSFX-70★6G	28,995	-	-
A750NSF2-70★6H	28,050	A750NSF4-70★6H	30,000	A750NSFX-70★6H	39,000	-	-

★ 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.

## Maximum short circuit ratings for UL listed combination starters

Contactor size	Switch/fuse at 600VAC	KA at 600VAC
A9	CF30/30J	200
A12	CF30/30J	
A16	CF30/30J	
A26	F60/60J	
A30	F60/60J	
A40	F100/100J	
A50	F100/100J	
A63	OES200/200J	
A75	OES200/200J	
A95	OES200/200J	
A110	OES200/200J	
A145	OES400/400J	
A185	OES400/400J	
A210	OES400/400J	
A260	OES400/400J or OES600/600J	
A300	OES400/400J or OES600/600J	
A400	OES600/600J	
A460	OES800/800L	
A580	OETL1200W/1200L fuses	
A750	OETL1200W/1200L fuses	