

Fusible disconnect switch type

A9 - AF750

Non-reversing, three phase

3

UL motor switching current	Contactor size	Maximum ratings - UL Listed					UL Type 1 (Indoor metal)		UL type 3R (Outdoor metal)		UL Type 12 (Metal dusttight)	
		Maximum motor horsepower ratings					Catalog number	List price	Catalog number	List price	Catalog number	List price
		200/208V	230/240V	480/480V	575/600V	Fuse clip rating amp/volts						
UL rated												
9	A9	2	2	5	7.5	30/600	11F1-2Δ1	\$ 885	11F3-2Δ1	\$ 1,065	11F2-2Δ1	\$ 1,065
11	A12	3	3	7.5	10	30/600	21F1-2Δ1	915	21F3-2Δ1	1,095	21F2-2Δ1	1,095
17	A16	5	5	10	15	30/600	31F1-2Δ1	945	31F3-2Δ1	1,125	31F2-2Δ1	1,125
28	A26	7.5	10	20	25	60/600	41F1-2Δ2	1,020	41F3-2Δ2	1,230	41F2-2Δ2	1,230
34	A30	10	10	25	30	60/600	51F1-2Δ2	1,095	51F3-2Δ2	1,313	51F2-2Δ2	1,313
42	A40	10	15	30	40	60/600	61F1-2Δ2	1,185	61F3-2Δ2	1,418	61F2-2Δ2	1,418
54	A50	15	20	40	50	100/600	71F1-2Δ3	1,725	71F3-2Δ3	1,913	71F2-2Δ3	1,913
65	A63	20	25	50	50	100/600	81F1-2Δ3	1,980	81F3-2Δ3	2,138	81F2-2Δ3	2,138
80	A75	25	30	60	75	200/600	91F1-2Δ4	2,445	91F3-2Δ4	2,858	91F2-2Δ4	2,858
110	A110	30	40	75	100	200/600	A1F1-2Δ4	2,925	A1F3-2Δ4	3,818	A1F2-2Δ4	3,818
130	A145	40	50	100	125	200/600	B1F1-2Δ4	3,735	B1F3-2Δ4	5,184	B1F2-2Δ4	5,183
156	A185	50	60	125	150	400/600	C1F1-2Δ5	4,650	C1F3-2Δ5	5,500	C1F2-2Δ5	5,400
192	A210	60	75	150	200	400/600	D1F1-2Δ5	6,870	D1F3-2Δ5	8,850	D1F2-2Δ5	8,850
248	A260	75	100	200	250	400/600	E1F1-2Δ5	7,680	E1F3-2Δ5	9,930	E1F2-2Δ5	9,930
302	A300	100	100	250	300	400/600	F1F1-2Δ5	8,100	F1F3-2Δ5	10,350	F1F2-2Δ5	10,350
414	AF400	125	150	350	400	600/600	G1F1-2Δ6	11,895	G1F3-2Δ6	12,600	G1F2-2Δ6	12,600
480	AF460	150	—	—	—	600/600	H1F1-70Δ6	16,890	H1F3-70Δ6	19,560	H1F2-70Δ6	19,560
480	AF460	150	200	400	500	800/600	H1F1-70Δ7	18,750	H1F3-70Δ7	21,600	H1F2-70Δ7	21,600
590	AF580	200	250	500	600	1200/600	T1F1-70Δ8	22,050	T1F3-70Δ8	25,050	T1F2-70Δ8	25,050
810	AF750	250	300	600	700	1200/600	U1F1-70Δ8	23,550	U1F3-70Δ8	28,050	U1F2-70Δ8	28,050

NEMA rated												
NEMA size	Contactor size	Continuous current	200V	230V	460/575V							
00	A9	9	1.5	1.5	2	30/600	J1F1-2Δ1	\$ 885	J1F3-2Δ1	\$ 1,065	J1F2-2Δ1	\$ 1,065
0	A16	18	3	3	5	30/600	K1F1-2Δ1	945	K1F3-2Δ1	1,125	K1F2-2Δ1	1,125
1	A26	27	—	7.5	10	30/600	L1F1-2Δ1	1,020	L1F3-2Δ1	1,230	L1F2-2Δ1	1,230
1	A26	27	7.5	—	—	60/600	L1F1-2Δ2	1,020	L1F3-2Δ2	1,230	L1F2-2Δ2	1,230
2	A50	45	10	15	25	60/600	M1F1-2Δ2	1,725	M1F3-2Δ2	1,913	M1F2-2Δ2	1,913
3	A75	90	—	—	50	100/600	N1F1-2Δ3	2,021	N1F3-2Δ3	2,434	N1F2-2Δ3	2,434
3	A75	90	25	30	—	200/600	N1F1-2Δ4	2,445	N1F3-2Δ4	2,858	N1F2-2Δ4	2,858
4	A145	135	40	50	100	200/600	P1F1-2Δ4	3,735	P1F3-2Δ4	5,183	P1F2-2Δ4	5,183
5	A260	270	75	100	200	400/600	Q1F1-2Δ5	7,680	Q1F3-2Δ5	9,930	Q1F2-2Δ5	9,930
6	AF460	540	150	—	—	600/600	R1F1-70Δ6	16,890	R1F3-70Δ6	19,560	R1F2-70Δ6	19,560
6	AF460	540	—	200	400	800/600	R1F1-70Δ7	18,750	R1F3-70Δ7	21,600	R1F2-70Δ7	21,600
7	AF750	810	—	300	600	1200/600	S1F1-70Δ8	23,550	S1F3-70Δ8	28,050	S1F2-70Δ8	28,050

Δ Overload relay suffix code. Select from the overload relay selection chart on pages 3.6 - 3.7. Overload relays are required for all combination starters. If overload relay is provided by customer, substitute an "X" in place of the Δ and then subtract list price of overload relay from combination starter's list price.

Example: 11F1-2X1 \$ 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 suffix code after the last dash in the catalog number.

Ex.: A 240V coil is required for an A75 fused starter: 91F4-4F4

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: 91F1-CF

Coil voltage selection - A9 - A300

Hz	Contactor type	Volts									
		24	110	120	208	220	240	440	480	500	600
60	A	1		2	3		4	5	6		7
50	A	1	2			4					7

Coil voltage selection - AF400 - AF750

Hz	Contactor type	Volts	
		100 - 250	250 - 500
50/60	AF	70	71

Control transformer voltage selection chart

Hz	Volts				
	Type	200-208/120	240/120	460 - 480/120	575 - 600/120
	A/AF	A	B	C	D
50/60	Type	200-208/24	240/24	460 - 480/24	575 - 600/24
	A/AF	E	F	G	H

Control transformer option

Contactor size	VA rating	List price adder
A9 - A40	50	\$ 360
A50 - A75	75	435
A95 - A110	100	560
A145 - A185	150	720
A210 - A300	250	795
AF400 - AF460	150	720
AF580 - AF750	250	795

Reference page 3.50 for Extra VA under all (Control Transformer Options chart)

Factory modifications

See page 3.50

NOTES: Power fuses are not included as standard.
For AF50 - AF 300 starters, consult factory.
① AF400 - AF750 only.

Fusible disconnect switch type A9 - AF750 Non-reversing, three phase

Combination
starters

3

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
UL rated					
11F4-2Δ1	\$ 1,350	11FX-2Δ1	\$ 1,800	11FP-2Δ1	\$ 1,005
21F4-2Δ1	1,380	21FX-2Δ1	1,830	21FP-2Δ1	1,035
31F4-2Δ1	1,425	31FX-2Δ1	1,860	31FP-2Δ1	1,065
41F4-2Δ2	1,530	41FX-2Δ2	1,965	41FP-2Δ2	1,148
51F4-2Δ2	1,688	51FX-2Δ2	2,295	51FP-2Δ2	1,230
61F4-2Δ2	1,898	61FX-2Δ2	2,685	61FP-2Δ2	1,335
71F4-2Δ3	2,400	71FX-2Δ3	3,340	71FP-2Δ3	1,830
81F4-2Δ3	2,640	81FX-2Δ3	3,600	81FP-2Δ3	2,055
91F4-2Δ4	3,300	91FX-2Δ4	4,020	91FP-2Δ4	2,475
A1F4-2Δ4	4,275	A1FX-2Δ4	5,850	A1FP-2Δ4	3,550
B1F4-2Δ4	5,685	B1FX-2Δ4	7,455	B1FP-2Δ4	4,880
C1F4-2Δ5	6,200	C1FX-2Δ5	8,865	C1FP-2Δ5	5,400
D1F4-2Δ5	9,600	D1FX-2Δ5	12,375	D1FP-2Δ5	8,800
E1F4-2Δ5	10,950	E1FX-2Δ5	16,800	E1FP-2Δ5	10,100
F1F4-2Δ5	12,000	F1FX-2Δ5	22,350	F1FP-2Δ5	11,200
G1F4-2Δ6	14,663	G1FX-2Δ6	26,400	—	—
H1F4-70Δ6	21,360	H1FX-70Δ6	26,955	—	—
H1F4-70Δ7	23,400	H1FX-70Δ7	28,995	—	—
T1F4-70Δ8	27,000	T1FX-70Δ8	37,350	—	—
U1F4-70Δ8	30,000	U1FX-70Δ8	39,000	—	—
NEMA rated					
J1F4-2Δ1	\$ 1,350	J1FX-2Δ1	\$ 1,800	J1FP-2Δ1	\$ 1,005
K1F4-2Δ1	1,425	K1FX-2Δ1	1,860	K1FP-2Δ1	1,065
L1F4-2Δ1	1,530	L1FX-2Δ1	1,965	L1FP-2Δ1	1,148
L1F4-2Δ2	1,530	L1FX-2Δ2	1,965	L1FP-2Δ2	1,148
M1F4-2Δ2	2,400	M1FX-2Δ2	3,240	M1FP-2Δ2	1,830
N1F4-2Δ3	2,876	N1FX-2Δ3	3,596	N1FP-2Δ3	2,051
N1F4-2Δ4	3,300	N1FX-2Δ4	4,020	N1FP-2Δ4	2,475
P1F4-2Δ4	5,685	P1FX-2Δ4	7,455	P1FP-2Δ4	4,880
Q1F4-2Δ5	10,950	Q1FX-2Δ5	16,800	Q1FP-2Δ5	10,100
R1F4-70Δ6	21,360	R1FX-70Δ6	26,955	—	—
R1F4-70Δ7	23,400	R1FX-70Δ7	28,995	—	—
S1F4-70Δ8	30,000	S1FX-70Δ8	39,000	—	—

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Maximum short circuit ratings for UL listed combination starters

Contactors 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	
AF400	OES600/600J	
AF460	OES800/800L	
AF580	OETL1200W/1200L fuses	
AF750	OETL1200W/1200L fuses	