

# Non-reversing A9 - AF750 Three phase

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UL motor switching current	Contactor size	Maximum ratings - UL Listed				Open type	UL Type 1 (Indoor metal)		UL type 3R (Outdoor metal)			
		Maximum motor horsepower ratings					Catalog number	List price	Catalog number	List price	Catalog number	List price
		200/208V	230/240V	480/480V	575/600V							
<b>UL rated</b>												
9	A9	2	2	5	7.5	11-2Δ	\$ 165	111-2Δ	\$ 255	113-2Δ	\$ 330	
11	A12	3	3	7.5	10	21-2Δ	171	211-2Δ	285	213-2Δ	360	
17	A16	5	5	10	15	31-2Δ	200	311-2Δ	300	313-2Δ	383	
28	A26	7.5	10	20	25	41-2Δ	294	411-2Δ	405	413-2Δ	465	
34	A30	10	10	25	30	51-2Δ	365	511-2Δ	473	513-2Δ	533	
42	A40	10	15	30	40	61-2Δ	423	611-2Δ	525	613-2Δ	578	
54	A50	15	20	40	50	71-2Δ	458	711-2Δ	600	713-2Δ	719	
65	A63	20	25	50	50	81-2Δ	522	811-2Δ	713	813-2Δ	795	
80	A75	25	30	60	75	91-2Δ	563	911-2Δ	975	913-2Δ	1,058	
110	A110	30	40	75	100	A1-2Δ	765	A11-2Δ	1,170	A13-2Δ	1,515	
130	A145	40	50	100	125	B1-2Δ	1,315	B11-2Δ	1,765	B13-2Δ	2,130	
156	A185	50	60	125	150	C1-2Δ	1,730	C11-2Δ	2,400	C13-2Δ	2,805	
192	A210	60	75	150	200	D1-2Δ	2,135	D11-2Δ	2,650	D13-2Δ	3,375	
248	A260	75	100	200	250	E1-2Δ	2,740	E11-2Δ	3,825	E13-2Δ	4,650	
302	A300	100	100	250	300	F1-2Δ	2,890	F11-2Δ	4,125	F13-2Δ	4,875	
414	AF400	125	150	350	400	G1-70Δ	4,125	G11-70Δ	7,857	G13-70Δ	8,625	
480	AF460	150	200	400	500	H1-70Δ	5,700	H11-70Δ	9,375	H13-70Δ	9,435	
590	AF580	200	250	500	600	T1-70Δ	8,346	T11-70Δ	12,400	T13-70Δ	13,465	
810	AF750	250	300	600	700	U1-70Δ	8,646	U11-70Δ	13,350	U13-70Δ	14,325	

<b>NEMA rated</b>											
NEMA size	Contactor size	Continuous current	200V	230V	460/575V						
00	A9	9	1.5	1.5	2	J1-2Δ	\$ 165	J11-2Δ	\$ 255	J13-2Δ	\$ 330
0	A16	18	3	3	5	K1-2Δ	200	K11-2Δ	300	K13-2Δ	383
1	A26	27	7.5	7.5	10	L1-2Δ	294	L11-2Δ	405	L13-2Δ	465
2	A50	45	10	15	25	M1-2Δ	458	M11-2Δ	600	M13-2Δ	719
3	A75	90	25	30	50	N1-2Δ	563	N11-2Δ	975	N13-2Δ	1,058
4	A145	135	40	50	100	P1-2Δ	1,315	P11-2Δ	1,765	P13-2Δ	2,130
5	AF260	270	75	100	200	Q1-2Δ	2,740	Q11-2Δ	3,825	Q13-2Δ	4,650
6	AF460	540	150	200	400	R1-70Δ	5,700	R11-70Δ	9,375	R13-70Δ	9,435
7	AF750	810	—	300	600	S1-70Δ	8,646	S11-70Δ	13,350	S13-70Δ	14,325

Δ Overload relay suffix code. Select from the overload relay selection chart on pages 3.6 - 3.7.

### 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 starter: 91-4F

### D.C. operated starters

If DC operation is required, consult factory.

### Factory modifications

See page 3.3

### Control transformer option

Contactor size	VA rating	List price adder
A9 - A40	50	360
A9 - A40 (N7 & 9)	50	630 ②
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 3.3 for Extra VA under all (Control Transformer Options chart)

### 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 ①

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

NOTE: For AF50 - AF 300 starters, consult factory.

① AF400 - AF750 only.

② NEMA 7 & 9 Enclosed starter only.

# Non-reversing A9 - AF750 Three phase

Starters

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UL Type 12 (Metal dustight)		UL Type 4 (Watertight)		UL Type 4X (Stainless steel)		UL Type 1, 3R, 4, 4X & 12 (Plastic)		UL Type 7 & 9 non-reversing (Explosion proof)	
Catalog number	List price	Catalog number	List price	Catalog number	List price	Catalog number	List price	Catalog number	List price
<b>UL rated</b>									
112-2Δ	\$ 330	114-2Δ	\$ 495	11X-2Δ	\$ 645	11P-2Δ	\$ 315	117-2Δ	\$ 1,500
212-2Δ	360	214-2Δ	540	21X-2Δ	713	21P-2Δ	345	217-2Δ	1,560
312-2Δ	383	314-2Δ	570	31X-2Δ	743	31P-2Δ	360	317-2Δ	1,590
412-2Δ	465	414-2Δ	630	41X-2Δ	831	41P-2Δ	443	417-2Δ	1,680
512-2Δ	533	514-2Δ	690	51X-2Δ	885	51P-2Δ	510	517-2Δ	2,040
612-2Δ	578	614-2Δ	1,050	61X-2Δ	1,275	61P-2Δ	555	617-2Δ	2,410
712-2Δ	719	714-2Δ	1,103	71X-2Δ	1,328	71P-2Δ	698	717-2Δ	2,600
812-2Δ	795	814-2Δ	1,170	81X-2Δ	1,410	81P-2Δ	773	817-2Δ	3,350
912-2Δ	1,058	914-2Δ	1,425	91X-2Δ	2,010	91P-2Δ	1,035	917-2Δ	3,900
A12-2Δ	1,515	A14-2Δ	2,100	A1X-2Δ	2,813	A1P-2Δ	1,440	A17-2Δ	5,550
B12-2Δ	2,130	B14-2Δ	2,700	B1X-2Δ	3,375	B1P-2Δ	1,950	B17-2Δ	6,040
C12-2Δ	2,805	C14-2Δ	3,340	C1X-2Δ	3,900	C1P-2Δ	2,440	C17-2Δ	8,100
D12-2Δ	3,375	D14-2Δ	3,900	D1X-2Δ	4,785	D1P-2Δ	3,000	D17-2Δ	9,600
E12-2Δ	4,650	E14-2Δ	5,175	E1X-2Δ	5,815	E1P-2Δ	4,200	E17-2Δ	11,740
F12-2Δ	4,875	F14-2Δ	5,400	F1X-2Δ	6,040	F1P-2Δ	4,425	F17-2Δ	11,965
G12-70Δ	8,625	G14-70Δ	9,000	G1X-70Δ	9,855	Consult factory	—	Consult factory	—
H12-70Δ	10,380	H14-70Δ	10,800	H1X-70Δ	11,700	Consult factory	—	Consult factory	—
T12-70Δ	13,465	T14-70Δ	14,250	T1X-70Δ	14,590	Consult factory	—	Consult factory	—
U12-70Δ	14,325	U14-70Δ	14,850	U1X-70Δ	15,745	Consult factory	—	Consult factory	—
<b>NEMA rated</b>									
J12-2Δ	\$ 330	J14-2Δ	\$ 495	J1X-2Δ	\$ 645	J1P-2Δ	\$ 315	J17-2Δ	\$ 1,500
K12-2Δ	383	K14-2Δ	570	K1X-2Δ	743	K1P-2Δ	360	K17-2Δ	1,590
L12-2Δ	465	L14-2Δ	630	L1X-2Δ	831	L1P-2Δ	443	L17-2Δ	1,680
M12-2Δ	719	M14-2Δ	1,103	M1X-2Δ	1,328	M1P-2Δ	698	M17-2Δ	2,600
N12-2Δ	1,058	N14-2Δ	1,425	N1X-2Δ	2,010	N1P-2Δ	1,035	N17-2Δ	3,900
P12-2Δ	2,130	P14-2Δ	2,700	P1X-2Δ	3,375	P1P-2Δ	1,950	P17-2Δ	6,040
Q12-2Δ	4,650	Q14-2Δ	5,175	Q1X-2Δ	5,815	Q1P-2Δ	4,200	Q17-2Δ	11,740
R12-70Δ	10,380	R14-70Δ	10,800	R1X-70Δ	11,700	Consult factory	—	Consult factory	—
S12-70Δ	14,325	S14-70Δ	14,850	S1X-70Δ	15,745	Consult factory	—	Consult factory	—

Δ Overload relay suffix code. Select from the overload relay selection chart on pages 3.6 - 3.7.