

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							
UL rated												
9	A9	2	2	5	7.5	12-2Δ	\$ 342	121-2Δ	\$ 510	123-2Δ	\$ 630	
11	A12	3	3	7.5	10	22-2Δ	387	221-2Δ	585	223-2Δ	705	
17	A16	5	5	10	15	32-2Δ	443	321-2Δ	630	323-2Δ	750	
28	A26	7.5	10	20	25	42-2Δ	503	421-2Δ	810	423-2Δ	900	
34	A30	10	10	25	30	52-2Δ	675	521-2Δ	953	523-2Δ	1,043	
42	A40	10	15	30	40	62-2Δ	765	621-2Δ	1,080	623-2Δ	1,305	
54	A50	15	20	40	50	72-2Δ	1,152	721-2Δ	1,395	723-2Δ	1,763	
65	A63	20	25	50	50	82-2Δ	1,515	821-2Δ	1,780	823-2Δ	2,310	
80	A75	25	30	60	75	92-2Δ	1,620	921-2Δ	1,905	923-2Δ	2,813	
110	A110	30	40	75	100	A2-2Δ	1,800	A21-2Δ	2,970	A23-2Δ	3,630	
130	A145	40	50	100	125	B2-2Δ	2,997	B21-2Δ	3,570	B23-2Δ	4,275	
156	A185	50	60	125	150	C2-2Δ	3,996	C21-2Δ	4,755	C23-2Δ	5,215	
192	A210	60	75	150	200	D2-2Δ	4,650	D21-2Δ	5,580	D23-2Δ	6,255	
248	A260	75	100	200	250	E2-2Δ	5,436	E21-2Δ	7,615	E23-2Δ	8,355	
302	A300	100	100	250	300	F2-2Δ	6,190	F21-2Δ	8,070	F23-2Δ	8,835	
414	AF400	125	150	350	400	G2-70Δ	7,980	G21-70Δ	15,450	G23-70Δ	16,125	
480	AF460	150	200	400	500	H2-70Δ	14,550	H21-70Δ	22,482	H23-70Δ	23,230	
590	AF580	200	250	500	600	T2-70Δ	19,755	T21-70Δ	25,800	T23-70Δ	26,250	
810	AF750	250	300	600	700	U2-70Δ	21,105	U21-70Δ	29,250	U23-70Δ	30,225	

NEMA rated											
NEMA size	Contactor size	Continuous current	200V	230V	460/575V						
00	A9	9	1.5	1.5	2	J2-2Δ	\$ 342	J21-2Δ	\$ 510	J23-2Δ	\$ 630
0	A16	18	3	3	5	K2-2Δ	443	K21-2Δ	630	K23-2Δ	750
1	A26	27	7.5	7.5	10	L2-2Δ	503	L21-2Δ	810	L23-2Δ	900
2	A50	45	10	15	25	M2-2Δ	1,152	M21-2Δ	1,395	M23-2Δ	1,763
3	A75	90	25	30	50	N2-2Δ	1,620	N21-2Δ	1,905	N23-2Δ	2,813
4	A145	135	40	50	100	P2-2Δ	2,997	P21-2Δ	3,570	P23-2Δ	4,275
5	A260	270	75	100	200	Q2-2Δ	5,436	Q21-2Δ	7,615	Q23-2Δ	8,355
6	AF460	540	150	200	400	R2-70Δ	14,550	R21-70Δ	22,482	R23-70Δ	23,230
7	AF750	810	—	300	600	S2-70Δ	21,105	S21-70Δ	29,250	S23-70Δ	30,225

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: 92-4F

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
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.

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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)	
Catalog number	List price	Catalog number	List price	Catalog number	List price	Catalog number	List price
UL rated							
122-2Δ	\$ 630	124-2Δ	\$ 810	12X-2Δ	\$ 1,125	12P-2Δ	\$ 608
222-2Δ	705	224-2Δ	915	22X-2Δ	1,230	22P-2Δ	683
322-2Δ	750	324-2Δ	990	32X-2Δ	1,313	32P-2Δ	765
422-2Δ	900	424-2Δ	1,125	42X-2Δ	1,725	42P-2Δ	960
522-2Δ	1,043	524-2Δ	1,313	52X-2Δ	1,868	52P-2Δ	1,103
622-2Δ	1,305	624-2Δ	1,500	62X-2Δ	2,010	62P-2Δ	1,230
722-2Δ	1,763	724-2Δ	1,875	72X-2Δ	2,213	72P-2Δ	1,530
822-2Δ	2,310	824-2Δ	2,588	82X-2Δ	3,143	82P-2Δ	1,695
922-2Δ	2,813	924-2Δ	3,113	92X-2Δ	3,600	92P-2Δ	2,250
A22-2Δ	3,630	A24-2Δ	3,900	A2X-2Δ	4,479	A2P-2Δ	3,230
B22-2Δ	4,275	B24-2Δ	4,650	B2X-2Δ	5,665	B2P-2Δ	3,804
C22-2Δ	5,215	C24-2Δ	5,550	C2X-2Δ	6,555	C2P-2Δ	4,640
D22-2Δ	6,255	D24-2Δ	6,640	D2X-2Δ	7,680	D2P-2Δ	5,566
E22-2Δ	8,355	E24-2Δ	9,340	E2X-2Δ	11,995	E2P-2Δ	7,434
F22-2Δ	8,835	F24-2Δ	10,015	F2X-2Δ	12,055	F2P-2Δ	7,861
G22-70Δ	16,125	G24-70Δ	17,100	G2X-70Δ	20,690	Consult factory	—
H22-70Δ	23,230	H24-70Δ	23,625	H2X-70Δ	24,250	Consult factory	—
T22-70Δ	26,250	T24-70Δ	27,000	T2X-70Δ	28,500	Consult factory	—
U22-70Δ	30,225	U24-70Δ	31,275	U2X-70Δ	32,625	Consult factory	—
NEMA rated							
J22-2Δ	\$ 630	J24-2Δ	\$ 810	J2X-2Δ	\$ 1,125	J2P-2Δ	\$ 608
K22-2Δ	750	K24-2Δ	990	K2X-2Δ	1,313	K2P-2Δ	765
L22-2Δ	900	L24-2Δ	1,125	L2X-2Δ	1,725	L2P-2Δ	960
M22-2Δ	1,763	M24-2Δ	1,875	M2X-2Δ	2,213	M2P-2Δ	1,530
N22-2Δ	2,813	N24-2Δ	3,113	N2X-2Δ	3,600	N2P-2Δ	2,250
P22-2Δ	4,275	P24-2Δ	4,650	P2X-2Δ	5,665	P2P-2Δ	3,804
Q22-2Δ	8,355	Q24-2Δ	9,340	Q2X-2Δ	11,995	Q2P-2Δ	7,434
R22-70Δ	23,230	R24-70Δ	23,625	R2X-70Δ	24,250	Consult factory	—
S22-70Δ	30,225	S24-70Δ	31,275	S2X-70Δ	32,625	Consult factory	—

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