

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	Catalog number	Catalog number	Catalog number
		200/208V	230/240V	480/480V	575/600V					
UL rated										
9	A9	2	2	5	7.5	12-2Δ	121-2Δ	123-2Δ		
11	A12	3	3	7.5	10	22-2Δ	221-2Δ	223-2Δ		
17	A16	5	5	10	15	32-2Δ	321-2Δ	323-2Δ		
28	A26	7.5	10	20	25	42-2Δ	421-2Δ	423-2Δ		
34	A30	10	10	25	30	52-2Δ	521-2Δ	523-2Δ		
42	A40	10	15	30	40	62-2Δ	621-2Δ	623-2Δ		
54	A50	15	20	40	50	72-2Δ	721-2Δ	723-2Δ		
65	A63	20	25	50	50	82-2Δ	821-2Δ	823-2Δ		
80	A75	25	30	60	75	92-2Δ	921-2Δ	923-2Δ		
110	A110	30	40	75	100	A2-2Δ	A21-2Δ	A23-2Δ		
130	A145	40	50	100	125	B2-2Δ	B21-2Δ	B23-2Δ		
156	A185	50	60	125	150	C2-2Δ	C21-2Δ	C23-2Δ		
192	A210	60	75	150	200	D2-2Δ	D21-2Δ	D23-2Δ		
248	A260	75	100	200	250	E2-2Δ	E21-2Δ	E23-2Δ		
302	A300	100	100	250	300	F2-2Δ	F21-2Δ	F23-2Δ		
414	AF400	125	150	350	400	G2-70Δ	G21-70Δ	G23-70Δ		
480	AF460	150	200	400	500	H2-70Δ	H21-70Δ	H23-70Δ		
590	AF580	200	250	500	600	T2-70Δ	T21-70Δ	T23-70Δ		
810	AF750	250	300	600	700	U2-70Δ	U21-70Δ	U23-70Δ		

NEMA size	Contactor size	Continuous current	NEMA rated			UL Type 1 (Indoor metal)	UL type 3R (Outdoor metal)	
			200V	230V	460/575V		UL Type 1 (Indoor metal)	UL type 3R (Outdoor metal)
00	A9	9	1.5	1.5	2	J2-2Δ	J21-2Δ	J23-2Δ
0	A16	18	3	3	5	K2-2Δ	K21-2Δ	K23-2Δ
1	A26	27	7.5	7.5	10	L2-2Δ	L21-2Δ	L23-2Δ
2	A50	45	10	15	25	M2-2Δ	M21-2Δ	M23-2Δ
3	A75	90	25	30	50	N2-2Δ	N21-2Δ	N23-2Δ
4	A145	135	40	50	100	P2-2Δ	P21-2Δ	P23-2Δ
5	A260	270	75	100	200	Q2-2Δ	Q21-2Δ	Q23-2Δ
6	AF460	540	150	200	400	R2-70Δ	R21-70Δ	R23-70Δ
7	AF750	810	—	300	600	S2-70Δ	S21-70Δ	S23-70Δ

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	adder
A9 - A40	50	
A50 - A75	75	
A95 - A110	100	
A145 - A185	150	
A210 - A300	250	
AF400 - AF460	150	
AF580 - AF750	250	

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						
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		Catalog number		Catalog number		Catalog number	
UL rated							
122-2Δ		124-2Δ		12X-2Δ		12P-2Δ	
222-2Δ		224-2Δ		22X-2Δ		22P-2Δ	
322-2Δ		324-2Δ		32X-2Δ		32P-2Δ	
422-2Δ		424-2Δ		42X-2Δ		42P-2Δ	
522-2Δ		524-2Δ		52X-2Δ		52P-2Δ	
622-2Δ		624-2Δ		62X-2Δ		62P-2Δ	
722-2Δ		724-2Δ		72X-2Δ		72P-2Δ	
822-2Δ		824-2Δ		82X-2Δ		82P-2Δ	
922-2Δ		924-2Δ		92X-2Δ		92P-2Δ	
A22-2Δ		A24-2Δ		A2X-2Δ		A2P-2Δ	
B22-2Δ		B24-2Δ		B2X-2Δ		B2P-2Δ	
C22-2Δ		C24-2Δ		C2X-2Δ		C2P-2Δ	
D22-2Δ		D24-2Δ		D2X-2Δ		D2P-2Δ	
E22-2Δ		E24-2Δ		E2X-2Δ		E2P-2Δ	
F22-2Δ		F24-2Δ		F2X-2Δ		F2P-2Δ	
G22-70Δ		G24-70Δ		G2X-70Δ		Consult factory	—
H22-70Δ		H24-70Δ		H2X-70Δ		Consult factory	—
T22-70Δ		T24-70Δ		T2X-70Δ		Consult factory	—
U22-70Δ		U24-70Δ		U2X-70Δ		Consult factory	—
NEMA rated							
J22-2Δ		J24-2Δ		J2X-2Δ		J2P-2Δ	
K22-2Δ		K24-2Δ		K2X-2Δ		K2P-2Δ	
L22-2Δ		L24-2Δ		L2X-2Δ		L2P-2Δ	
M22-2Δ		M24-2Δ		M2X-2Δ		M2P-2Δ	
N22-2Δ		N24-2Δ		N2X-2Δ		N2P-2Δ	
P22-2Δ		P24-2Δ		P2X-2Δ		P2P-2Δ	
Q22-2Δ		Q24-2Δ		Q2X-2Δ		Q2P-2Δ	
R22-70Δ		R24-70Δ		R2X-70Δ		Consult factory	—
S22-70Δ		S24-70Δ		S2X-70Δ		Consult factory	—

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