

Non-reversing A9 - A185 Single phase

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UL motor switching current	Contactor size	Maximum ratings - UL Listed		Open type		UL Type 1 (Indoor metal)	
		Maximum motor horsepower ratings		Catalog number	List price	Catalog number	List price
		115V	230V				
UL rated							
9	A9	1/2	1	11S-2Δ	\$ 165	11S1-2Δ	\$ 255
11	A12	3/4	2	21S-2Δ	171	21S1-2Δ	285
17	A16	1	3	31S-2Δ	200	31S1-2Δ	300
28	A26	1.5	5	41S-2Δ	294	41S1-2Δ	405
34	A30	2	7.5	51S-2Δ	372	51S1-2Δ	473
42	A40	3	7.5	61S-2Δ	423	61S1-2Δ	525
54	A50	3	7.5	71S-2Δ	458	71S1-2Δ	600
65	A63	5	10	81S-2Δ	522	81S1-2Δ	713
80	A75	7.5	15	91S-2Δ	563	91S1-2Δ	975
110	A110	10	20	A1S-2Δ	765	A1S1-2Δ	1,170
130	A145	10	25	B1S-2Δ	1,315	B1S1-2Δ	1,765
156	A185	15	30	C1S-2Δ	1,730	C1S1-2Δ	2,400

NEMA rated								
NEMA size	Contactor size	Continuous current	115V		200V	Open type	List price	UL Type 1 (Indoor metal)
			115V	200V				
00	A9	9	1/3	1	J1S-2Δ	\$ 165	J1S1-2Δ	\$ 255
0	A16	18	1	2	K1S-2Δ	200	K1S1-2Δ	300
1	A26	27	2	3	L1S-2Δ	294	L1S1-2Δ	405
2	A50	45	3	7.5	M1S-2Δ	458	M1S1-2Δ	600

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: 91S-4F

D.C. operated starters

If DC operation is required, consult factory.

Factory modifications

See page 3.3

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	Type	Volts			
		200-208/120	240/120	460 - 480/120	575 - 600/120
50/60	A/AF	A	B	C	D
	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 - A30	50	\$ 360
A40 - A75	75	435
A95 - A110	100	560
A145 - A185	150	720

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Starters

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UL Type 3R (Outdoor metal)		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	Catalog number	List price
UL rated									
11S3-2Δ	\$ 330	11S2-2Δ	\$ 330	11S4-2Δ	\$ 495	11SX-2Δ	\$ 645	11SP-2Δ	\$ 315
21S3-2Δ	360	21S2-2Δ	360	21S4-2Δ	540	21SX-2Δ	713	21SP-2Δ	345
31S3-2Δ	383	31S2-2Δ	383	31S4-2Δ	570	31SX-2Δ	743	31SP-2Δ	360
41S3-2Δ	465	41S2-2Δ	465	41S4-2Δ	630	41SX-2Δ	831	41SP-2Δ	443
51S3-2Δ	533	51S2-2Δ	533	51S4-2Δ	690	51SX-2Δ	885	51SP-2Δ	510
61S3-2Δ	578	61S2-2Δ	578	61S4-2Δ	1,050	61SX-2Δ	1,275	61SP-2Δ	555
71S3-2Δ	719	71S2-2Δ	719	71S4-2Δ	1,103	71SX-2Δ	1,328	71SP-2Δ	698
81S3-2Δ	795	81S2-2Δ	795	81S4-2Δ	1,170	81SX-2Δ	1,410	81SP-2Δ	773
91S3-2Δ	1,058	91S2-2Δ	1,058	91S4-2Δ	1,425	91SX-2Δ	2,010	91SP-2Δ	1,035
A1S3-2Δ	1,515	A1S2-2Δ	1,515	A1S4-2Δ	2,100	A1SX-2Δ	2,813	A1SP-2Δ	1,440
B1S3-2Δ	2,130	B1S2-2Δ	2,130	B1S4-2Δ	2,700	B1SX-2Δ	3,375	B1SP-2Δ	1,950
C1S3-2Δ	2,805	C1S2-2Δ	2,805	C1S4-2Δ	3,340	C1SX-2Δ	3,900	C1SP-2Δ	2,440
NEMA rated									
J1S3-2Δ	\$ 330	J1S2-2Δ	\$ 330	J1S4-2Δ	\$ 495	J1SX-2Δ	\$ 645	J1SP-2Δ	\$ 315
K1S3-2Δ	383	K1S2-2Δ	383	K1S4-2Δ	570	K1SX-2Δ	743	K1SP-2Δ	360
L1S3-2Δ	465	L1S2-2Δ	465	L1S4-2Δ	630	L1SX-2Δ	831	L1SP-2Δ	443
M1S3-2Δ	719	M1S2-2Δ	719	M1S4-2Δ	1,103	M1SX-2Δ	1,328	M1SP-2Δ	698

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