

Non-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						
UL rated											
9	A9	2	2	5	7.5	11N1-2Δ	\$ 825	11N3-2Δ	\$ 1,005	11N2-2Δ	\$ 1,005
11	A12	3	3	7.5	10	21N1-2Δ	855	21N3-2Δ	1,035	21N2-2Δ	1,035
17	A16	5	5	10	15	31N1-2Δ	885	31N3-2Δ	1,065	31N2-2Δ	1,065
28	A26	7.5	10	20	25	41N1-2Δ	968	41N3-2Δ	1,148	41N2-2Δ	1,148
34	A30	10	10	25	30	51N1-2Δ	1,050	51N3-2Δ	1,230	51N2-2Δ	1,230
42	A40	10	15	30	40	61N1-2Δ	1,155	61N3-2Δ	1,335	61N2-2Δ	1,335
54	A50	15	20	40	50	71N1-2Δ	1,650	71N3-2Δ	1,830	71N2-2Δ	1,830
65	A63	20	25	50	50	81N1-2Δ	1,875	81N3-2Δ	2,055	81N2-2Δ	2,055
80	A75	25	30	60	75	91N1-2Δ	2,295	91N3-2Δ	2,775	91N2-2Δ	2,775
110	A110	30	40	75	100	A1N1-2Δ	2,865	A1N3-2Δ	3,765	A1N2-2Δ	3,765
130	A145	40	50	100	125	B1N1-2Δ	3,675	B1N3-2Δ	4,890	B1N2-2Δ	4,890
156	A185	50	60	125	150	C1N1-2Δ	4,050	C1N3-2Δ	5,250	C1N2-2Δ	5,250
192	A210	60	75	150	200	D1N1-2Δ	5,685	D1N3-2Δ	7,650	D1N2-2Δ	7,650
248	A260	75	100	200	250	E1N1-2Δ	6,090	E1N3-2Δ	8,085	E1N2-2Δ	8,085
302	A300	100	100	250	300	F1N1-2Δ	7,080	F1N3-2Δ	8,850	F1N2-2Δ	8,850
414	AF400	125	150	350	400	G1N1-2Δ	11,250	G1N3-2Δ	12,285	G1N2-2Δ	12,285
480	AF460	150	200	400	500	H1N1-70Δ	17,100	H1N3-70Δ	18,900	H1N2-70Δ	18,900
590	AF580	200	250	500	600	T1N1-70Δ	20,490	T1N3-70Δ	22,290	T1N2-70Δ	22,290
810	AF750	250	300	600	700	U1N1-70Δ	21,990	U1N3-70Δ	25,050	U1N2-70Δ	25,050

NEMA rated											
NEMA size	Contactor size	Continuous current	200V	230V	460/575V						
00	A9	9	1.5	1.5	2	J1N1-2Δ	\$ 825	J1N3-2Δ	\$ 1,005	J1N2-2Δ	\$ 1,005
0	A16	18	3	3	5	K1N1-2Δ	885	K1N3-2Δ	1,065	K1N2-2Δ	1,065
1	A26	27	7.5	7.5	10	L1N1-2Δ	968	L1N3-2Δ	1,148	L1N2-2Δ	1,148
2	A50	45	10	15	25	M1N1-2Δ	1,650	M1N3-2Δ	1,830	M1N2-2Δ	1,830
3	A75	90	25	30	50	N1N1-2Δ	2,295	N1N3-2Δ	2,775	N1N2-2Δ	2,775
4	A145	135	40	50	100	P1N1-2Δ	3,675	P1N3-2Δ	4,890	P1N2-2Δ	4,890
5	A260	270	75	100	200	Q1N1-2Δ	6,090	Q1N3-2Δ	8,085	Q1N2-2Δ	8,085
6	AF460	540	150	200	400	R1N1-70Δ	17,100	R1N3-70Δ	18,900	R1N2-70Δ	18,900
7	AF750	810	—	300	600	S1N1-70Δ	21,990	S1N3-70Δ	25,050	S1N2-70Δ	25,050

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: 11N1-2X \$ 825 List
 - 63 - OLR
 \$ 762 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 starter: 91N1-4F

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: 91N1-CF

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

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

NOTES: For AF50 - AF 300 starters, consult factory.
 ① AF400 - AF750 only.

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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					
11N4-2Δ	\$ 1,290	11NX-2Δ	\$ 1,600	11NP-2Δ	\$ 945
21N4-2Δ	1,320	21NX-2Δ	1,630	21NP-2Δ	975
31N4-2Δ	1,365	31NX-2Δ	1,675	31NP-2Δ	1,005
41N4-2Δ	1,448	41NX-2Δ	1,790	41NP-2Δ	1,088
51N4-2Δ	1,613	51NX-2Δ	2,110	51NP-2Δ	1,170
61N4-2Δ	1,800	61NX-2Δ	2,500	61NP-2Δ	1,275
71N4-2Δ	2,190	71NX-2Δ	3,100	71NP-2Δ	1,770
81N4-2Δ	2,535	81NX-2Δ	3,550	81NP-2Δ	1,995
91N4-2Δ	3,015	91NX-2Δ	4,000	91NP-2Δ	2,415
A1N4-2Δ	4,163	A1NX-2Δ	5,530	A1NP-2Δ	3,225
B1N4-2Δ	5,175	B1NX-2Δ	6,450	B1NP-2Δ	4,360
C1N4-2Δ	5,775	C1NX-2Δ	7,650	C1NP-2Δ	5,100
D1N4-2Δ	9,150	D1NX-2Δ	12,000	D1NP-2Δ	8,300
E1N4-2Δ	9,600	E1NX-2Δ	16,500	E1NP-2Δ	8,750
F1N4-2Δ	10,350	F1NX-2Δ	21,000	F1NP-2Δ	9,750
G1N4-2Δ	13,800	G1NX-2Δ	25,800	G1NP-2Δ	—
H1N4-70Δ	20,700	H1NX-70Δ	27,900	—	—
T1N4-70Δ	24,750	T1NX-70Δ	32,550	—	—
U1N4-70Δ	26,850	U1NX-70Δ	34,800	—	—
NEMA rated					
J1N4-2Δ	\$ 1,290	J1NX-2Δ	\$ 1,600	J1NP-2Δ	\$ 945
K1N4-2Δ	1,365	K1NX-2Δ	1,675	K1NP-2Δ	1,005
L1N4-2Δ	1,448	L1NX-2Δ	1,780	L1NP-2Δ	1,088
M1N4-2Δ	2,190	M1NX-2Δ	3,100	M1NP-2Δ	1,770
N1N4-2Δ	3,015	N1NX-2Δ	4,000	N1NP-2Δ	2,415
P1N4-2Δ	5,175	P1NX-2Δ	6,450	P1NP-2Δ	4,360
Q1N4-2Δ	9,600	Q1NX-2Δ	16,500	Q1NP-2Δ	8,750
R1N4-70Δ	20,700	R1NX-70Δ	27,900	—	—
S1N4-70Δ	26,850	S1NX-70Δ	34,800	—	—

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.