

A9 - A300

Non-reversing, mechanically interlocked, reversing
AC operated, UL rated, 3 phase

Across the line
contactors

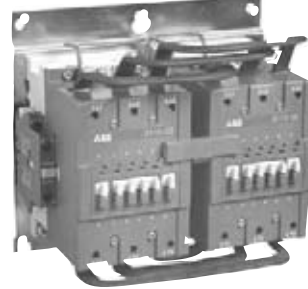
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A26-30-10-84



A110M-30-11-84



A110R-30-11-84

UL general purpose current	UL motor switching current	Maximum motor horsepower ratings 				Standard Aux. contacts		Non-reversing		Mechanically interlocked		Reversing	
		208V	240V	480V	575/600V	NO	NC	Catalog number	List price	Catalog number	List price	Catalog number	List price
AC1		UL rated											
21	9	2	2	5	7.5	1 0	0 1	A9-30-10-84 A9-30-01-84	\$ 78	A9M-30-10-84 A9M-30-01-84	\$ 255	A9R-30-10-84 A9R-30-01-84	\$ 315
25	11	3	3	7.5	10	1 0	0 1	A12-30-10-84 A12-30-01-84	84	A12M-30-10-84 A12M-30-01-84	315	A12R-30-10-84 A12R-30-01-84	375
30	17	5	5	10	15	1 0	0 1	A16-30-10-84 A16-30-01-84	102	A16M-30-10-84 A16M-30-01-84	345	A16R-30-10-84 A16R-30-01-84	413
40	28	7.5	10	20	25	1 0	0 1	A26-30-10-84 A26-30-01-84	183	A26M-30-10-84 A26M-30-01-84	405	A26R-30-10-84 A26R-30-01-84	480
50	34	10	10	25	30	1 0	0 1	A30-30-10-84 A30-30-01-84	252	A30M-30-10-84 A30M-30-01-84	548	A30R-30-10-84 A30R-30-01-84	623
60	42	10	15	30	40	1 0	0 1	A40-30-10-84 A40-30-01-84	297	A40M-30-10-84 A40M-30-01-84	639	A40R-30-10-84 A40R-30-01-84	750
80	54	15	20	40	50	1	1	A50-30-11-84	330	A50M-30-11-84	713	A50R-30-11-84	810
90	65	20	25	50	60	1	1	A63-30-11-84	372	A63M-30-11-84	870	A63R-30-11-84	1,013
105	80	25	30	60	75	1	1	A75-30-11-84	413	A75M-30-11-84	1,155	A75R-30-11-84	1,298
125	95	30	30	60	75	1	1	A95-30-11-84	450	A95M-30-11-84	1,230	A95R-30-11-84	1,425
140	110	30	40	75	100	1	1	A110-30-11-84	480	A110M-30-11-84	1,365	A110R-30-11-84	1,628
230	130	40	50	100	125	1	1	A145-30-11-84	825	A145M-30-11-84	2,235	A145R-30-11-84	2,250
250	156	50	60	125	150	1	1	A185-30-11-84	1,290	A185M-30-11-84	3,360	A185R-30-11-84	3,375
300	192	60	75	150	200	1	1	A210-30-11-84	1,635	A210M-30-11-84	4,035	A210R-30-11-84	4,050
350	248	75	100	200	250	1	1	A260-30-11-84	1,815	A260M-30-11-84	4,485	A260R-30-11-84	4,500
400	302	100	100	250	300	1	1	A300-30-11-84	1,875	A300M-30-11-84	5,460	A300R-30-11-84	5,475
550	414	125	150	350	400	1	1	See Type AF contactors, page 1.9					
650	480	150	200	400	500	1	1						
750	602	200	250	500	600	1	1						
900	810	250	300	600	700	1	1						
1350	960	—	400	800	900	1	1						
1650	1080	—	450	900	1000	1	1						

See Type AF contactors, page 1.9

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 two digits after the last dash in the catalog number.

Ex.: A 240V coil is required for an A75 contactor: A75-30-11-80

Auxiliary contact blocks

For additional auxiliary contact blocks, see catalog number explanation on page 1.2. Add \$ 20 to list price for each additional auxiliary, and see page 1.32 for available combinations. Only side-mounted blocks are allowed to be factory installed. If auxiliary contacts are not required for A50 - A300, subtract \$ 40 from list price and change catalog number to "00" instead of "11."

Mechanical interlock

Mechanically interlocked contactors are designed for reversing, 2 speed, reduced voltage, etc. type starter applications. The complete assembly consists of two mechanically and electrically interlocked contactors mounted as follows with line and load terminals:

- A9 - A16 — mounted on 35mm DIN rail
- A26 - A300 — mounted on common baseplate

Power wiring is not included. The NC electrical interlock is provided with the mechanical interlock for A9 - A110 contactors.

Coil voltage selection chart

Hz	Cntr type	Volts													
		12	24	48	110	120	125	208	220	240	277	380	415	440	480
60	A	81	83	84	84			34	36	80	42		86	86	51
50	A		81	83	84				80			85	86		55

For other voltages, see page 1.24.

Reversing

Reversing contactors are designed for reversing type starter applications. The complete assembly consists of two mechanically and electrically interlocked contactors mounted as follows with line and load terminals:

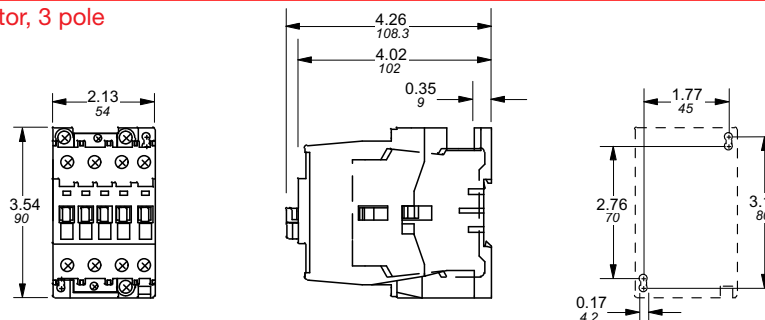
- A9 - A16 — mounted on 35mm DIN rail
- A26 - A300 — mounted on common baseplate

The NC electrical interlock is provided with the mechanical interlock for A9 - A110 contactors.

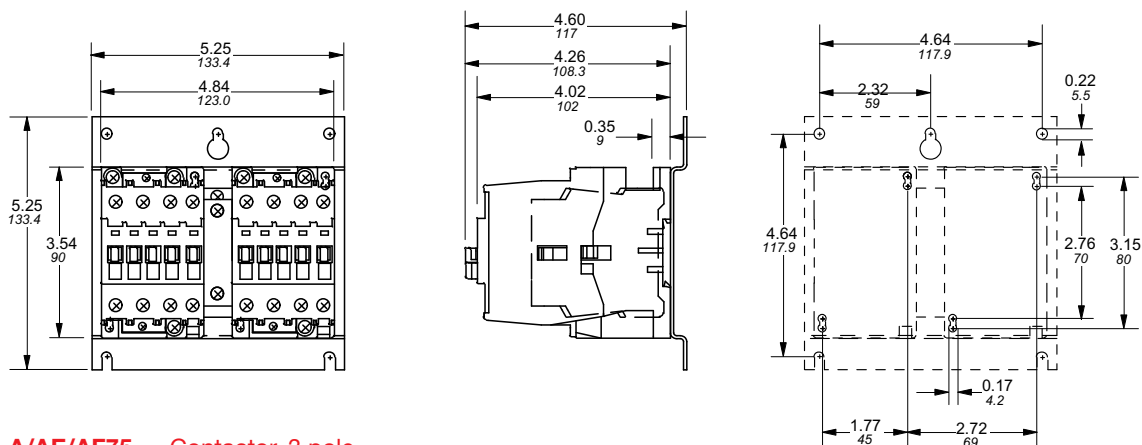
Approximate dimensions A/AE30 – A/AE/AF75, 3 pole

00.00 Inches
00.00 [Millimeters]

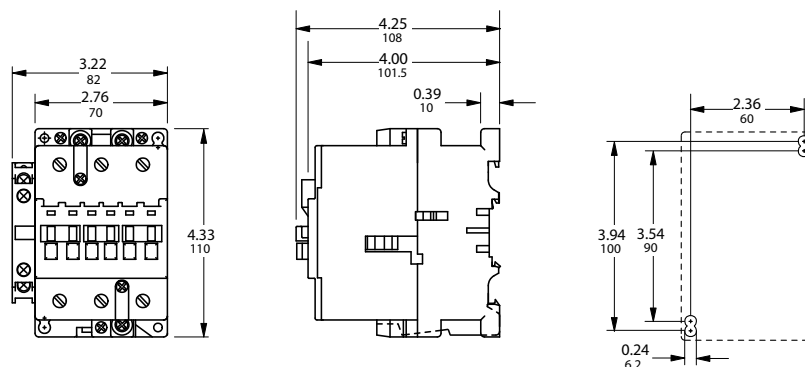
A/AE30 & A/AE40 – Contactor, 3 pole



A/AE30 & A/AE40 + VM5 or VE5 – Mechanically interlocked contactor, 3 pole



A/AE/AF50 – A/AE/AF75 – Contactor, 3 pole



A/AE/AF50 – A/AE/AF75 + VM5 or VE5 – Mechanically interlocked contactor, 3 pole

