

AL9 - AL40, AL9Z - AL16Z

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

Across the line
1



AL9-30-10-81




AL26-30-10-81




AL40-30-10-81

AL Contactors — 3W and 3.5W consumption

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
		UL rated											
AC1													
21	9	2	2	5	7.5	1 0	0 1	AL9-30-10-81 AL9-30-01-81		AL9M-30-10-81 AL9M-30-01-81		AL9R-30-10-81 AL9R-30-01-81	
25	11	3	3	7.5	10	1 0	0 1	AL12-30-10-81 AL12-30-01-81		AL12M-30-10-81 AL12M-30-01-81		AL12R-30-10-81 AL12R-30-01-81	
30	17	5	5	10	15	1 0	0 1	AL16-30-10-81 AL16-30-01-81		AL16M-30-10-81 AL16M-30-01-81		AL16R-30-10-81 AL16R-30-01-81	
40	28	7.5	10	20	25	1 0	0 1	AL26-30-10-81 AL26-30-01-81		AL26M-30-10-81 AL26M-30-01-81		AL26R-30-10-81 AL26R-30-01-81	
50	34	10	10	20	30	1 0	0 1	AL30-30-10-81 AL30-30-01-81		AL30M-30-10-81 AL30M-30-01-81		AL30R-30-10-81 AL30R-30-01-81	
60	42	10	15	30	40	1 0	0 1	AL40-30-10-81 AL40-30-01-81		AL40M-30-10-81 AL40M-30-01-81		AL40R-30-10-81 AL40R-30-01-81	

ALZ Contactors — 2.4W consumption

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	AL9Z-30-10-15 AL9Z-30-01-15		AL9ZM-30-10-15 AL9ZM-30-01-15		AL9ZR-30-10-15 AL9ZR-30-01-15	
25	11	3	3	7.5	10	1 0	0 1	AL12Z-30-10-15 AL12Z-30-01-15		AL12ZM-30-10-15 AL12ZM-30-01-15		AL12ZR-30-10-15 AL12ZR-30-01-15	
30	17	5	5	10	15	1 0	0 1	AL16Z-30-10-15 AL16Z-30-01-15		AL16ZM-30-10-15 AL16ZM-30-01-15		AL16ZR-30-10-15 AL16ZR-30-01-15	

Coil voltage selection

All DC operated catalog numbers include a 24VDC 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 48V coil is required for an AL30 contactor: AL30-30-10-83

Auxiliary contact blocks

For additional auxiliary contact blocks, see catalog number explanation on page 1.6. Add \$ 20 to list price for each additional auxiliary, and see page 1.18 for available combinations.

Coil voltage selection

Hz	Contr. type	Volts						
		12	24	48	110	125	220	240
DC	AL	80	81	83	86	87	88	89
DC	AL...Z		15	28				

For other voltages, see page 1.26.

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:

- AL9 & AL16 — mounted on 35mm DIN rail
- AL26 & AL40 — mounted on common baseplate

Power wiring is not included.

The NC electrical interlock is provided

Reversing

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

① Only coil voltages available for AL9Z – AL16Z.