

AL9 - AL40, AL9Z - AL16Z

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

Across the line
contactors

1



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	\$ 138	AL9M-30-10-81 AL9M-30-01-81	\$ 411	AL9R-30-10-81 AL9R-30-01-81	\$ 433
25	11	3	3	7.5	10	1 0	0 1	AL12-30-10-81 AL12-30-01-81	169	AL12M-30-10-81 AL12M-30-01-81	490	AL12R-30-10-81 AL12R-30-01-81	498
30	17	5	5	10	15	1 0	0 1	AL16-30-10-81 AL16-30-01-81	188	AL16M-30-10-81 AL16M-30-01-81	526	AL16R-30-10-81 AL16R-30-01-81	527
40	28	7.5	10	20	25	1 0	0 1	AL26-30-10-81 AL26-30-01-81	238	AL26M-30-10-81 AL26M-30-01-81	606	AL26R-30-10-81 AL26R-30-01-81	643
50	34	10	10	20	30	1 0	0 1	AL30-30-10-81 AL30-30-01-81	326	AL30M-30-10-81 AL30M-30-01-81	781	AL30R-30-10-81 AL30R-30-01-81	826
60	42	10	15	30	40	1 0	0 1	AL40-30-10-81 AL40-30-01-81	376	AL40M-30-10-81 AL40M-30-01-81	892	AL40R-30-10-81 AL40R-30-01-81	912

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
UL rated													
AC1													
21	9	2	2	5	7.5	1 0	0 1	AL9Z-30-10-15 AL9Z-30-01-15	\$ 141	AL9ZM-30-10-15 AL9ZM-30-01-15	\$ 319	AL9ZR-30-10-15 AL9ZR-30-01-15	\$ 429
25	11	3	3	7.5	10	1 0	0 1	AL12Z-30-10-15 AL12Z-30-01-15	173	AL12ZM-30-10-15 AL12ZM-30-01-15	417	AL12ZR-30-10-15 AL12ZR-30-01-15	477
30	17	5	5	10	15	1 0	0 1	AL16Z-30-10-15 AL16Z-30-01-15	188	AL16ZM-30-10-15 AL16ZM-30-01-15	441	AL16ZR-30-10-15 AL16ZR-30-01-15	501

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 1.32 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 1.24.

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.

Ⓞ Only coil voltages available for AL9Z – AL16Z.