



## Applications with other ABB products

### A9 - A26, AC operated A-Line contactors



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		<b>UL rated</b>											
21	9	2	2	5	7.5	1 0	0 1	A9-30-10-84 A9-30-01-84	<b>\$ 78</b>	A9M-30-10-84 A9M-30-01-84	<b>\$ 255</b>	A9R-30-10-84 A9R-30-01-84	<b>\$ 315</b>
25	11	3	3	7.5	10	1 0	0 1	A12-30-10-84 A12-30-01-84	<b>84</b>	A12M-30-10-84 A12M-30-01-84	<b>315</b>	A12R-30-10-84 A12R-30-01-84	<b>375</b>
30	17	5	5	10	15	1 0	0 1	A16-30-10-84 A16-30-01-84	<b>102</b>	A16M-30-10-84 A16M-30-01-84	<b>345</b>	A16R-30-10-84 A16R-30-01-84	<b>413</b>
40	28	7.5	10	20	25	1 0	0 1	A26-30-10-84 A26-30-01-84	<b>183</b>	A26M-30-10-84 A26M-30-01-84	<b>405</b>	A26R-30-10-84 A26R-30-01-8	<b>480</b>

#### 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 1.18 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	500	600
60	A		81	83	84	84		34	36	80	42		86	86	51	53	55
50	A		81	83	84					80			85	86			55

For other voltages, see page 1.26.

#### 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.

For more information on  
across the line contactors  
see Section 1.