

DC Contactors in sizes 1 Thru 5 are for use as main line, reversing or accelerating contactors in DC motor starters and controllers. Other applications include switching resistive heating and battery loads.

Description

All DC Contactors are solenoid operated for fast, constant, long-life performance. Generous size double break silver cadmium oxide contacts in combination with built-in permanent magnet blowouts assure long contact life and positive circuit interruption. Terminal location makes the contactors ideal for straight-through wiring and for wire channel layouts. Accessible up-front pressure-type terminals are furnished as standard.

Auxiliary Contacts

All contactors can be furnished with N.O., N.C. or N.O. & N.C. auxiliary contact blocks. Each contactor can be supplied with a maximum of four auxiliary contact blocks. Kits are also available for field installation.

Operating Coils

Standard coils for DC operation are molded and equipped with pressure type terminals. The DC coils are furnished with late break auxiliary and economizing resistors as standard. AC coils can be furnished for applications requiring an AC control circuit.



250 Volts DC Max

Size	8-Hour Rating in Amps.		Open Type DC Coil 1 Pole N.O.	Price	Open Type DC Coil 2 Pole N.O.	Price	Open Type DC Coil 2 Pole N.O. & 1 Pole N.C.	Price
	Open	Enclosed	Catalog No. ²		Catalog No. ²		Catalog No. ²	
1	25	22.5	74014010-*	\$ 580.	7401-1020-*	\$ 643.	7401-3050-*	\$ 706.
2	50	45	74024010-*	806.	7402-1020-*	1033.	7402-3050-*	1134.
3	100	90	-----1		7403-1020-*	1373.	7403-3050-*	1701.
4	150	135	-----1		7404-1020-*	1739.	7404-3050-*	2306.
5	300	270	7405-4010-*	3100.	7405-1020-*	4360.	7405-3050-*	5998.
Size	Open	Enclosed	1 Pole N.O. - AC Coil		2 Pole N.O. - AC Coil		2 Pole N.O. - 1 N.C. - AC Coil	
1	25	22.5	7441-4010-*	378.	7441-1020-*	441.	7441-3050-*	504.
2	50	45	7442-4010-*	605.	7442-1020-*	832.	7442-3050-*	932.
3	100	90	-----1		7443-1020-*	1172.	7443-3050-*	1499.
4	150	135	-----1		7444-1020-*	1537.	7444-3050-*	2104.
5	300	270	7445-4010-*	2772.	7445-1020-*	4032.	7445-3050-*	5670.

Auxiliary Contact Ratings

DC Volts	Amperes Normal	AC Volts	Amperes	
			Normal	Inrush
125	1.1	120	6.0	60
250	0.55	240	3.0	30
		480	1.5	15
		600	1.2	12

Note:

1. On Sizes 3 & 4 only for single pole applications use two poles in series and for two pole applications use one pole in each line.
2. Contactor furnished without auxiliary contact. See Modifications & Accessories.

Ordering Information

- Use complete catalog number. Replace the (*) with the suffix from the coil table.

Coil Table

AC 60Hz/Voltage	Suffix	DC Voltage	Suffix
120	11	24	82
208/240	21	48	32
480	41	120	12
600	51	240	22