



American Electronic Components, Inc.

1101 Lafayette Street, Elkhart, IN 46516, Tel: (574) 295-6330, Fax: (574) 293-8013, sales@aecsensors.com

DURAKOOL Series CBC (Closed) 100 Amps

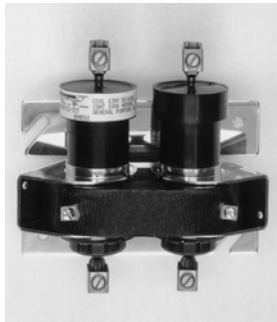
2 POLE

Durakool mercury contactors are a favorite choice for high reliability lighting and heating control. Their low maintenance and excellent tungsten in-rush handling characteristics provide dependable long-term operation. CFC (normally open) and CBC (normally closed) contactors are general purpose rated at 100 Amps. Top and bottom compression-lug connectors provide secure connection.

"C" size Durakool contactors have mercury-to-tungsten contacts for easy handling of inductive, tungsten, motor and resistive loads. Tungsten's resistance to arcing erosion prolongs the life of the contactor.

SPECIFICATIONS

Maximum Time:	Operate	Release
Normally Open:	90 ms	140 ms
Normally Closed:	200 ms	100 ms
Contact Bounce, Release:	Allowed on normally open models	
Recommended DC Load Polarity:	Top Connector Negative	
Load Connectors:	Pressure Connector #1-8 AWG Cu.	
Coil Terminals:	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
Breakdown Voltage:	5000 VRMS/Min. Across Contacts	



TYPE/SERIES		CBC (Normally Closed)			
DESCRIPTION	Volts	Part Number	Typical Coil Data		
			DC Ohms	Watts	Amps
2 Pole	24	CBC2-315	2.8	17.0	2.120
	120	CBC2-309	66	17.8	0.408
	208	CBC2-316	165	20.2	0.265
	240	CBC2-306	260	15.4	0.182
	277	CBC2-317	430	14.5	0.145
	480	CBC2-313	1100	16.6	0.094
	12 (DC)	CBC2-318	10	14.3	1.194
	24 (DC)	CBC2-319	40	13.6	0.570

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC			Tungsten Lamp/60 Hz		AC MOTOR LOAD			
	Volts	120	208	240	277	480	600	1-48	120	240	120	Amps	KW	1 Phase	
SERIES	60 Hz Amps						DC Amps			Amps	KW	Hp	Hp	Hp	
CFC 100 (Normally Open)	100	100	100	100	100	100	100	50	30	100	12.0	7.5	10	20	
CBC 100 (Normally Closed)	100	90	90	60	60	70	100	50	30	90	10.8	7.5	10	20	

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