

American Electronic Components, Inc.

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

DURAKOOL Series CFC (Open) 100 Amps

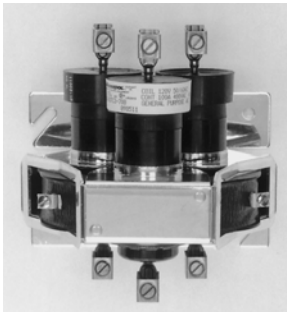
3 POLE

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		CFC (Normally Open)			
DESCRIPTION	Volts	Part Number	Typical Coil Data		
			DC Ohms	Watts	Amps
3 Pole	24	CFC3-707	1.4	47.0	5.060
	120	CFC3-708	23	39.0	0.924
	208	CFC3-709	100	26.0	0.388
	240	CFC3-710	110	27.7	0.361
	277	CFC3-711	150	31.5	0.327
	480	CFC3-712	440	28.8	0.185
	12 (DC)	CFC3-720	10	13.5	1.127
	24 (DC)	CFC3-721	40	13.3	0.555

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 Hp
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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