

# HAMPTON

Hampton Controls

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## **DURAKOOL** Series CFC (Open) 100 Amps

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

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



TYPE/SERIES	CFC (Normally Open)				
	DESCRIPTION	Part Number	Typical Coil Data		
Volts			DC Ohms	Watts	Amps
1 Pole	24	CFC-717	7.1	9.6	0.930
	120	CFC-718	180	10.2	0.195
	208	CFC-719	600	9.5	0.097
	240	CFC-720	680	10.8	0.103
	277	CFC-721	1000	9.8	0.079
	480	CFC-722	2700	11.8	0.057
	12 (DC)	CFC-731	27	5.2	0.436
	24 (DC)	CFC-723	111	5.2	0.217

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	240			
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

