

# HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

## **DURAKOOL** Series BBC (Closed) 60 Amps

### **2 POLE**

The unusually long life of Durakool "B" size contactors in proportional temperature control systems has made them the most popular choice of designers of process heating controls.

BFC (normally open) and BBC (normally closed) contactors are general purpose, 60 Amp rated, featuring mercury-to-tungsten contacts. Tungsten's ability to resist arcing erosion greatly prolongs the life of the contactor. These relays can be used in plastic extrusion equipment to cycle heaters for precise temperature control.

#### **SPECIFICATIONS**

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
<b>Normally Open:</b>	70 ms	90 ms
<b>Normally Closed:</b>	120 ms	90 ms
<b>Contact Bounce, Release:</b>	None	
<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	



DESCRIPTION		BBC (Normally Closed)			
		Part Number	Typical Coil Data		
Volts	DC Ohms		Watts	Amps	
2 Pole	24	BBC2-309	15	5.00	0.510
	120	BBC2-305	350	6.60	0.123
	208	BBC2-310	960	6.30	0.070
	240	BBC2-306	1520	5.40	0.054
	277	BBC2-311	2300	5.50	0.044
	480	BBC2-312	5600	5.60	0.027
	12 <sub>(DC)</sub>	BBC2-313	24	6.00	0.500
	24 <sub>(DC)</sub>	BBC2-308	90	6.00	0.250

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	1 Phase			3 Phase			
SERIES	60 Hz Amps						DC Amps		Amps	KW	Hp	Hp	Hp	Hp	Hp	Hp	
BFC 60 (Normally Open)	60	60	60	60	60	60	60	30	20	60	7.2	3.0	5.0	7.5	5.0	10.0	15.0
BBC 60 (Normally Closed)	60	45	45	45	35	25	60	30	20	55	6.6	3.0	5.0	—	5.0	7.5	—

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