

# HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

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

### **3 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	Volts	BBC (Normally Closed)			
		Part Number	Typical Coil Data		
			DC Ohms	Watts	Amps
3 Pole	24	BBC3-308	5	10.20	1.170
	120	BBC3-303	135	8.80	0.208
	208	BBC3-309	480	8.60	0.108
	240	BBC3-306	520	8.60	0.104
	277	BBC3-310	830	7.80	0.077
	480	BBC3-311	2100	9.40	0.050
	12 (DC)	BBC3-312	12.8	10.70	0.890
	24 (DC)	BBC3-313	51	11.30	0.470

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC		Tungsten Lamp/60 Hz	AC MOTOR LOAD							
	Volts						1-48 120 240		120	1 Phase			3 Phase				
										120	240	480	120	240	480		
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	—

# HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

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

### 3 POLE

