

HAMPTON

Hampton Controls

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DURAKOOL Series BFC (Open) 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

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



DESCRIPTION	Volts	BFC (Normally Open)			
		Part Number	Typical Coil Data		
			DC Ohms	Watts	Amps
2 Pole	24	BFC2-726	15	5.20	0.515
	120	BFC2-727	350	7.46	0.133
	208	BFC2-728	960	7.39	0.076
	240	BFC2-729	1520	6.18	0.056
	277	BFC2-730	2300	6.14	0.045
	480	BFC2-731	5600	6.47	0.027
	12 _(DC)	BFC2-741	24	6.10	0.506
	24 _(DC)	BFC2-733	90	6.00	0.253

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC		Tungsten Lamp/60 Hz	AC MOTOR LOAD							
	Volts										1 Phase			3 Phase			
		120	208	240	277	480	600	1-48	120	120	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	—

