

**American Electronic Components, Inc.**

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

## **DURAKOOL Series BFL (Open) 35 Amps**

### **3 POLE**

These 35 Amp general purpose contactors offer additional load capacity as well as long contact-life performance. Top/bottom compression lug termination style allows easy connection to heavier leadwire (up to #4 AWG Copper).

Both BFL (normally open) and BBL (normally closed) are available in 1, 2, or 3 pole configurations, and feature low, stable contact resistance.

#### **SPECIFICATIONS**

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
Normally Open:	70 ms	90 ms
Normally Closed:	150 ms	200 ms
<b>Contact Bounce, Release:</b>	None	
<b>Recommended</b>		
DC Load Polarity:	Top Connector Negative	
<b>Load Connectors:</b>	Pressure Connector #4-14 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	Part No.	Typical Coil Data		
			DC Ohms	Watts	Amps
3 Pole	24	BFL3-7023	5	11.10	1.270
	120	BFL3-7024	135	9.20	0.220
	208	BFL3-7025	480	8.70	0.111
	240	BFL3-7026	520	9.20	0.109
	277	BFL3-7027	830	8.10	0.081
	480	BFL3-7028	2100	9.40	0.055
	12 (DC)	BFL3-7037	12.8	11.20	0.938
	24 (DC)	BFL3-7038	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	120	208	240	277	480	600	1-48	120	240	120	Amps	KW	1 Phase Hp	3 Phase Hp
<b>SERIES</b>		60 Hz Amps						DC Amps			Amps	KW	Hp	Hp	Hp
<b>BFL 35 (Normally Open)</b>		35	35	35	35	35	15	35	25	15	30	3.6	2.0	3.0	5.0
<b>BBL 35 (Normally Closed)</b>		30	22	20	18	10	8	30	20	10	20	2.4	1.5	2.0	3.0

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