

American Electronic Components, Inc.

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DURAKOOL Series BFL (Open) 35 Amps

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

Maximum Time:	Operate	Release
Normally Open:	70 ms	90 ms
Normally Closed:	150 ms	200 ms
Contact Bounce, Release:	None	
Recommended DC Load Polarity:	Top Connector Negative	
Load Connectors:	Pressure Connector #4-14 AWG Cu.	
Coil Terminals:	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
Breakdown Voltage:	5000 VRMS/Min. Across Contacts	



TYPE/SERIES		BFL (Normally Open)			
		Part Number	Typical Coil Data		
DESCRIPTION			DC Ohms	Watts	Amps
1 Pole	Volts				
	24	BFL-7031	40	2.80	0.233
	120	BFL-7032	902	3.69	0.057
	208	BFL-7033	3100	3.46	0.030
	240	BFL-7034	3700	3.14	0.025
	277	BFL-7035	5410	3.42	0.022
	480	BFL-7036	15000	3.49	0.013
	12(DC)	BFL-7058	57	2.50	0.210
	24(DC)	BFL-7048	230	2.50	0.104

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	240	240	
SERIES	60 Hz Amps						DC Amps		Amps	KW	Hp	Hp	Hp	
BFL 35 (Normally Open)	35	35	35	35	35	15	35	25	15	30	3.6	2.0	3.0	5.0
BBL 35 (Normally Closed)	30	22	20	18	10	8	30	20	10	20	2.4	1.5	2.0	3.0

