

# Willow Technologies Ltd.

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## DURAKOOL Series BF (Open) 30 Amps

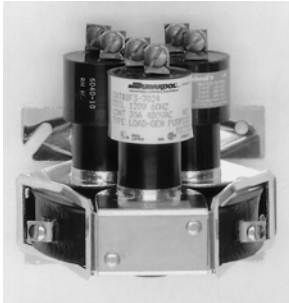
### 3 POLE

Durakool 30 Amp general purpose contactors are available in 1, 2, and 3 pole configurations to suit a variety of design needs.

The BF (normally open) and BB (normally closed) both feature long-life contacts which provide low, stable contact resistance. Screw terminals are included for both load and control connections. The top wiring style of the load terminals allows efficient use of available panel space.

#### 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:	Center Tube Connector Negative	
<b>Load Connectors:</b>	#8-32 Wire Binding Screw, Max. #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	Part Number	Typical Coil Data		
			DC Ohms	Watts	Amps
3 Pole	24	BF3-7023	5	11.10	1.270
	120	BF3-7024	135	9.20	0.220
	208	BF3-7025	480	8.70	0.111
	240	BF3-7026	520	9.20	0.109
	277	BF3-7027	830	8.10	0.081
	480	BF3-7028	2100	9.40	0.055
	12 (DC)	BF3-7037	12.8	11.20	0.938
	24 (DC)	BF3-7038	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	1 Phase		3 Phase
SERIES	60 Hz Amps						DC Amps			Amps	KW	Hp	Hp	Hp
BF 30 (Normally Open)	30	30	30	30	30	30	30	25	15	30	3.6	2.0	3.0	5.0
BB 30 (Normally Closed)	30	22	20	18	10	8	30	20	10	20	2.4	1.5	2.0	3.0

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