

Willow Technologies Ltd.

Shawlands Court, Newchapel Road, Lingfield, Surrey, RH7 6BL, UK

Tel. + 44 (0) 1342 835234, Fax. + 44 (0) 1342 834306, e-mail sales@willow.co.uk web www.willow.co.uk

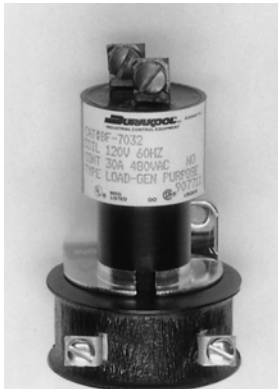
DURAKOOL Series BF (Open) 30 Amps

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

Maximum Time:	Operate	Release
Normally Open:	70 ms	90 ms
Normally Closed:	150 ms	200 ms
Contact Bounce, Release:	None	
Recommended DC Load Polarity:	Center Tube Connector Negative	
Load Connectors:	#8-32 Wire Binding Screw, Max. #8 AWG Cu.	
Coil Terminals:	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
Breakdown Voltage:	5000 VRMS/Min. Across Contacts	



TYPE/SERIES	BF (Normally Open)				
DESCRIPTION	Part Number	Typical Coil Data			
		DC Ohms	Watts	Amps	
1 Pole	Volts				
	24	BF-7031	40	2.80	0.233
	120	BF-7032	902	3.69	0.057
	208	BF-7033	3100	3.46	0.030
	240	BF-7034	3700	3.14	0.025
	277	BF-7035	5410	3.42	0.022
	480	BF-7036	15000	3.49	0.013
	12 (DC)	BF-7058	57	2.50	0.210
	24 (DC)	BF-7046	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	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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