

# Willow Technologies Ltd.

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## **Series BBL (Closed) 35 Amps**

### SPECIFICATIONS

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.

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
<b>Normally Open:</b>	70 ms	90 ms
<b>Normally Closed:</b>	150 ms	200 ms
<b>Contact Bounce, Release:</b>	None	
<b>Recommended</b>		
<b>DC Load Polarity:</b>	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	



TYPE/SERIES		<b>BBL</b> (Normally Closed)			
DESCRIPTION		Part Number	Typical Coil Data		
Volts	1 Pole		DC Ohms	Watts	Amps
	24	BBL-1002	40	2.00	0.189
	120	BBL-1011	902	2.50	0.046
	208	BBL-1003	3100	2.50	0.026
	240	BBL-1004	3700	2.10	0.021
	277	BBL-1005	5410	2.50	0.017
	480	BBL-1006	15000	2.70	0.010
	12(DC)	BBL-1007	57	2.50	0.209
	24(DC)	BBL-1008	230	2.35	0.098

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	
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	

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**DURAKOOL** Series BBL (Closed) 35 Amps

