

**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 CB (Closed) 80 Amps**

**2 POLE**

**SPECIFICATIONS**

These Durakool CF (normally open) and CB (normally closed) contactors are general-purpose rated at 80 Amps. Compression-lug connectors, top and bottom, provide easy installation.

"C" size Durakool contactors have mercury-to-tungsten contacts which can handle inductive, tungsten, motor and resistive loads. Tungsten's ability to resist arcing erosion greatly prolongs the life of the contactor.

Maximum Time:	Operate	Release
Normally Open:	90 ms	140 ms
Normally Closed:	200 ms	100 ms
Contact Bounce, Release:	Allowed on normally open models	
Recommended DC Load Polarity:	Top Connector Negative	
Load Connectors:	Pressure Connector #1-8 AWG Cu.	
Coil Terminals:	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
Breakdown Voltage:	5000 VRMS/Min. Across Contacts	



TYPE/SERIES	CB (Normally Closed)				
	DESCRIPTION	Volts	Part Number	Typical Coil Data	
DC Ohms				Watts	Amps
2 Pole	24	CB2-301	2.8	17.0	2.120
	120	CB2-302	66	17.8	0.408
	208	CB2-303	165	20.2	0.265
	240	CB2-304	260	15.4	0.182
	277	CB2-305	430	14.5	0.145
	480	CB2-306	1100	16.6	0.094
	12 (DC)	CB2-308	10	14.3	1.194
	24 (DC)	CB2-307	40	13.6	0.570

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
CF 80 (Normally Open)	80	80	80	80	80	80	80	35	25	80	9.6	5.0	7.5	15.0
CB 80 (Normally Closed)	80	80	80	60	60	40	80	35	25	75	9.0	5.0	7.5	15.0

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