

DURAKOOL Series CF (Open) & CB (Closed) 80 Amps

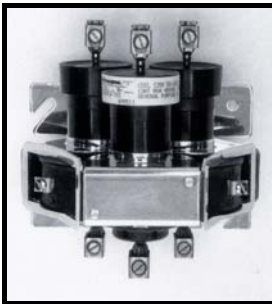
These Durakool CF (normally open) and CB (normally closed) contactors are general-purpose rated at 80 Amps. Compression-lug connectors, top and bottom, provide easy installation.

"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.

SPECIFICATIONS

(see pages 3-5 for other specifications)

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	



3 Pole	24	CF3-701	1.4	47.0	5.060	CB3-301	1.4	40.0	4.720
	120	CF3-702	23	39.0	0.924	CB3-302	23	33.3	0.850
	208	CF3-703	100	26.6	0.388	CB3-303	100	23.0	0.345
	240	CF3-704	110	27.7	0.361	CB3-304	110	24.0	0.321
	277	CF3-705	150	31.5	0.327	CB3-305	150	26.9	0.294
	480	CF3-706	440	28.8	0.185	CB3-306	440	24.2	0.162
	12 _(DC)	CF3-707	10	13.5	1.127	CB3-308	10	13.4	1.120
	24 _(DC)	CF3-708	40	13.3	0.555	CB3-307	40	13.4	0.558

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC			Tungsten Lamp/60 Hz		AC MOTOR LOAD		
	Volts						1-48	120	240	120	1 Phase		3 Phase	
	120	208	240	277	480	600					120	240	240	
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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