

# Willow Technologies Ltd.

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## **Series CF (Open) 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

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



TYPE/SERIES		CF (Normally Open)			
		Part Number	Typical Coil Data		
DESCRIPTION	Volts		DC Ohms	Watts	Amps
1 Pole	24	CF-701	7.1	9.6	0.930
	120	CF-702	180	10.2	0.195
	208	CF-703	600	9.5	0.097
	240	CF-704	680	10.8	0.103
	277	CF-705	1000	9.8	0.079
	480	CF-706	2700	11.8	0.052
	12 (DC)	CF-730	27	5.2	0.436
	24 (DC)	CF-707	111	5.2	0.217

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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