



**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 DFC 150 Amps**

Because of their virtually silent operation, Durakool contactors are the right solution for power switching in theaters, hospitals, nursing homes, and other "quiet zone" applications.

The normally open DFC contactors are general purpose rated at 150 Amps. Their long-lasting mercury-to-tungsten contacts resist arcing erosion and can handle inductive, tungsten, and resistive loads.

**SPECIFICATIONS**

<b>Maximum Time:</b>	<b>Operate</b> 90 ms	<b>Release</b> 140 ms
<b>Contact Bounce, Release:</b>	Allowed	
<b>Recommended DC Load Polarity:</b>	Top Connector Negative	
<b>Load Connectors:</b>	Pressure Connector #1/0-#2 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	DFC 150 Amps	Typical Coil Data			
DESCRIPTION	Part Number	DC Ohms	Watts	Amps	
1 Pole Normally Open	24 Volts				
	120	DFC-307	7.1	8.2	0.815
	208	DFC-301	180	8.8	0.171
	240	DFC-304	600	8.0	0.086
	277	DFC-303	680	9.4	0.088
	480	DFC-305	1000	8.0	0.068
	12 (DC)	DFC-306	2700	10.4	0.044
	24 (DC)	DFC-313	27	5.3	0.446
		DFC-310	111	5.2	0.219

ELECTRICAL RATINGS	GENERAL PURPOSE 0.7/0.8 UL Power Factor						DC			Tungsten Lamp/60 Hz	
Volts	120	208	240	277	480	600	1-48	120	240	120	
SERIES	60 Hz Amps						DC Amps			Amps	KW
DFC 150 (Normally Open)	150	140	135	130	120	120	150	70	50	120	14.4

**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)


**Series DFC 150 Amps**

