

HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.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

Maximum Time:	Operate 90 ms	Release 140 ms
Contact Bounce, Release:	Allowed	
Recommended DC Load Polarity:	Top Connector Negative	
Load Connectors:	Pressure Connector #1/0-#2 AWG Cu.	
Coil Terminals:	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
Breakdown Voltage:	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	DFC-307	7.1	8.2	0.815	
120	DFC-301	180	8.8	0.171	
208	DFC-304	600	8.0	0.086	
240	DFC-303	680	9.4	0.088	
277	DFC-305	1000	8.0	0.068	
480	DFC-306	2700	10.4	0.044	
12 $\rho\Omega$	DFC-313	27	5.3	0.446	
24 $\rho\Omega$	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

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