

Willow Technologies Ltd.

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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	Release
	90 ms	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	Volts	Part Number	Typical Coil Data			
			DC Ohms	Watts	Amps	
1 Pole Normally Open	24	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 (DC)	DFC-313	27	5.3	0.446	
	24 (DC)	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	Amps
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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