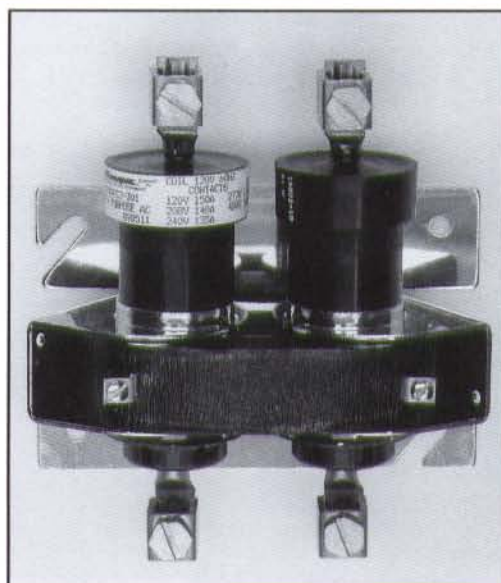


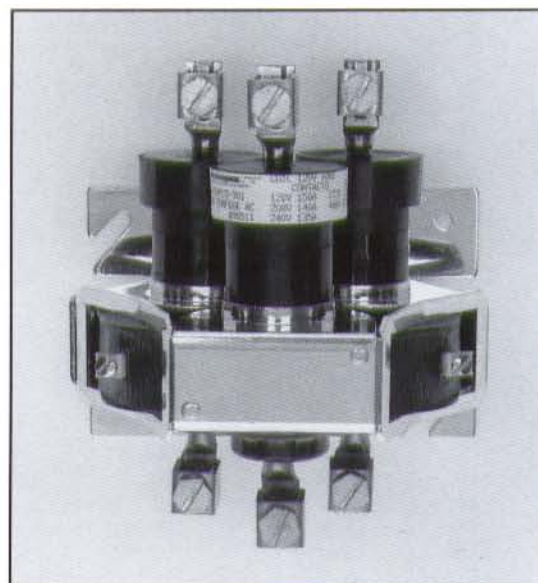
DURAKOOL Series DFC 150 Amps



1 POLE
Weight 2.5

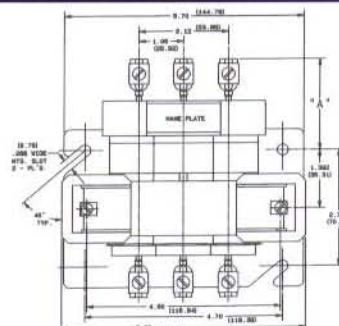
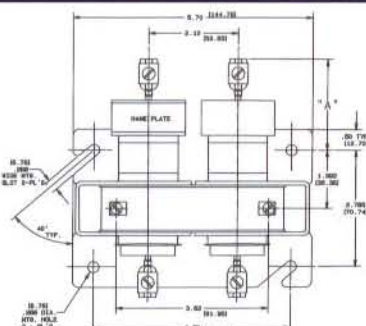
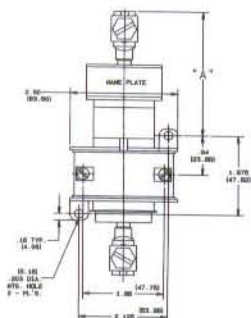


2 POLE
Weight 4.5

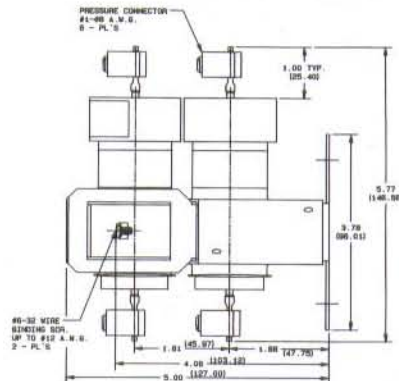
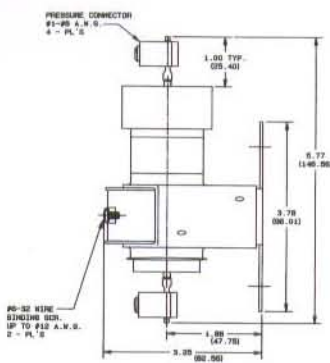
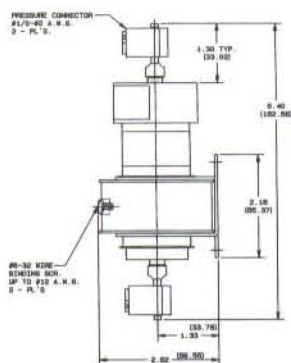


3 POLE
Weight 7.0

FRONT VIEW



SIDE VIEW



DIMENSION "A"

Hz	DFC		DFC2		DFC3	
	in.	mm	in.	mm	in.	mm
DC	2.69	68.3	2.23	56.6	2.23	56.6
50	2.92	74.2	2.46	62.5	2.46	62.5
50/60	2.96	75.2	2.50	63.5	2.46	62.5
60	2.96	75.2	2.50	63.5	2.46	62.5

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

(see pages 3-5 for other 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				
DESCRIPTION		Part Number	Typical Coil Data			
			DC Ohms	Watts	Amps	
1 Pole Normally Open	Volts					
	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	
2 Pole Normally Open	24	DFC2-307	2.8	19.1	1.990	
	120	DFC2-301	66	18.2	0.385	
	208	DFC2-304	165	21.5	0.251	
	240	DFC2-303	260	16.2	0.174	
	277	DFC2-305	430	15.3	0.143	
	480	DFC2-306	1100	17.3	0.091	
	12 (DC)	DFC2-313	10	14.4	1.205	
	24 (DC)	DFC2-310	40	13.7	0.572	
3 Pole Normally Open	24	DFC3-307	0.7	46.0	4.900	
	120	DFC3-301	18	42.9	0.968	
	208	DFC3-304	50	35.2	0.482	
	240	DFC3-303	69	36.2	0.425	
	277	DFC3-305	110	32.5	0.330	
	480	DFC3-306	276	40.2	0.222	
	12 (DC)	DFC3-313	10	13.3	1.113	
	24 (DC)	DFC3-310	40	13.2	0.552	

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

UL E35126
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