

Willow Technologies Ltd.

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DURAKOOL Series 60APS 60 Amps

The Durakool 60 Amp high performance contactor (normally open) is designed for resistive loads typical in industrial ovens, food processing and laboratory equipment, lighting and computer power supplies, plus medical and communications equipment.

The 60 Amp contactor is UL/CSA listed for general purpose, inductive, and tungsten, as well as resistive loads. The contactor features long life, quiet operation, and rapid on/off cycling. Since it is hermetically sealed, it is a practical replacement, especially in hostile environments.

SPECIFICATIONS

Maximum Time:	Operate 70 ms, Max.	Release 90 ms, Max
Contact Bounce:	None	
Recommended DC Load Polarity:	Top Connection Negative	
Breakdown Voltage:		
Contact to Contact:	2000 VRMS/Min.	
Contact to Ground:	5000 VRMS/Min.	



TYPE/SERIES	60APS 60 Amps		Typical Coil Data			
DESCRIPTION	Part Number	DC Ohms	Watts	Amps	V.A.	
1 Pole (Normally Open) Volts 24 120 240 480 12 (DC) 24 (DC)	I060APS24AC	40	2.60	0.235	5.64	
	I060APS120AC	902	3.47	0.055	6.60	
	I060APS240AC	3700	3.40	0.026	6.24	
	I060APS480AC	15000	3.54	0.012	5.76	
	I060APS12DC	40	3.64	0.293	3.52	
	I060APS24DC	230	3.48	0.146	3.50	

ELECTRICAL RATINGS	60 Hz					DC		
Volts	120	208	240	277	480	48	120	
Resistive	60	60	60	60	60	60	30	
General Purpose	60	60	60	60	60	—	—	
Tungsten (1 Pole)	60	60	60	60	35	60	30	
Motor Load								
1 Phase (Hp)	3.0	3.0	5.0	5.0	7.5	—	—	
3 Phase (Hp)	5.0	5.0	10.0	10.0	15.0	—	—	

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