

**American Electronic Components, Inc.**

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**DURAKOOL Gold Label Series 50 Amps**

Durakool Gold Label 35 and 50 Amp models (normally open) are economical, special purpose contactors developed to handle resistive loads over millions of switching cycles. They have been used successfully in commercial cooking equipment, plastics machinery, process heating controls, comfort heating and lighting control applications.

As in all Durakool contactors, the liquid contact action of mercury switching is far superior to conventional mechanical contactors, offering significantly longer life. Gold Label contactors operate dependably in harsh industrial/commercial environments without special protection and do not require sophisticated equipment for troubleshooting.

**SPECIFICATIONS**

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
	70 ms	90 ms
<b>Contact Bounce, Release:</b>	None	
<b>Recommended DC Load Polarity:</b>	Top Connector Negative	
<b>Load Connectors:</b>	Pressure Connector #4-14 AWG Cu.	
<b>Coil Terminals:</b>	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
<b>Breakdown Voltage:</b>	2000 VRMS/Min. Across Contacts	



TYPE/SERIES		Gold Label (50 Amps)				
DESCRIPTION	Volts	Resistive Part Number	Typical Coil Data			
			DC Ohms	Watts	Amps	V.A.
1 Pole (Normally Open)	24	I050A24AC	40	2.74	0.229	5.50
	120	I050A120AC	902	3.57	0.056	6.72
	208	I050A208AC	3100	3.35	0.029	6.03
	240	I050A240AC	3700	3.02	0.024	5.76
	277	I050A277AC	5410	3.28	0.021	5.82
	480	I050A480AC	15000	3.42	0.012	5.76
	12 (DC)	I050A12DC	40	3.47	0.288	—
	24 (DC)	I050A24DC	230	2.50	0.104	—

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 AC Amps						DC Amps			Amps	KW
GL 50A (Normally Open)	35	50	50	50	50	50	50	25	15	50	6.0

