



## American Electronic Components, Inc.

1101 Lafayette Street, Elkhart, IN 46516, Tel: (574) 295-6330, Fax: (574) 293-8013, [sales@aecsensors.com](mailto:sales@aecsensors.com)

### **DURAKOOL** High Voltage Contactors (2500-3500 Volts at 10 Amps AC & 4000 Volts at 8 Amps AC)

With 10 Amp ratings and several standard options, Durakool high voltage contactors are a versatile choice for UV curing lamp controls and panel safety switching and other high voltage loads. The 2500 VAC or 3500 VAC rated models, single-pole are made either normally open or normally closed. Terminals come with standard pressure connectors or 5000 VAC rated leads. HV contactors are compact for easy panel mounting, and provide mercury switching dependability.

#### SPECIFICATIONS

<b>Maximum Time:</b>	<b>Operate</b>	<b>Release</b>
Normally Open	90 ms, Max.	140 ms, Max.
Normally Closed	200 ms, Max.	100 ms, Max.
<b>Contact Bounce, Release:</b> Allowed on normally open models		
<b>Recommended DC Load Polarity:</b> Top Connection Negative		
<b>Load Connectors:</b>	Pressure Connector #1-18 AWG Cu.	
<b>Coil Terminals:</b>	#6-32 Wire Binding Screw, Max. #12 AWG Cu.	
<b>Breakdown Voltage:</b>	5000 VRMS/Min. Across Contacts	
<b>Weight:</b>	1.5 lbs.	



TYPE/SERIES		Normally Open					
DESCRIPTION	Volts	Part Number		Typical Coil Data			
				Hz	DC Ohms	Watts	Amps
2500 Terminal	120	CFH-302		50/60	180	9.0	0.174
	240	CFH-303		50/60	680	9.3	0.089
2500 Black Leads	120	CFH-216		50/60	180	9.0	0.174
	240	CFH-215		50/60	680	9.3	0.089
	24 (DC)	CFH-226		—	111	5.2	0.217
	48 (DC)	CFH-238		—	440	4.8	0.100
3500 Terminal & 4000 Terminal	120	CFCH-397 & CFCH-418		50/60	180	9.0	0.174
	240	CFCH-387 & CFCH-419		50/60	680	9.3	0.089
	24 (DC)	CFCH-396 & CFCH-420		—	111	5.2	0.217
		Normally Closed					
2500 Terminal	120	CBH-302		60	180	8.5	0.179
	120	CBH-305		50	180	9.8	0.196
	240	CBH-303		60	680	9.3	0.093
2500 Black Leads	120	CBH-225		50	180	9.8	0.196
	120	CBH-218		60	180	8.5	0.179
	240	CBH-222		50	680	9.3	0.089
	240	CBH-215		60	680	9.3	0.093
	24 (DC)	CBH-221		60	111	5.2	0.217
3500 Terminal	120	CBCH-333		50/60	180	8.5	0.179
	210	CBCH-337		50/60	600	7.4	0.086
	240	CBCH-335		60	680	9.3	0.093
	48 (DC)	CBCH-339		—	440	4.8	0.100

**American Electronic Components, Inc.**

1101 Lafayette Street, Elkhart, IN 46516, Tel: (574) 295-6330, Fax: (574) 293-8013, [sales@aecsensors.com](mailto:sales@aecsensors.com)

**DURAKOOL High Voltage Contactors** (2500-3500 Volts at 10 Amps AC & 4000 Volts at 8 Amps AC)

