



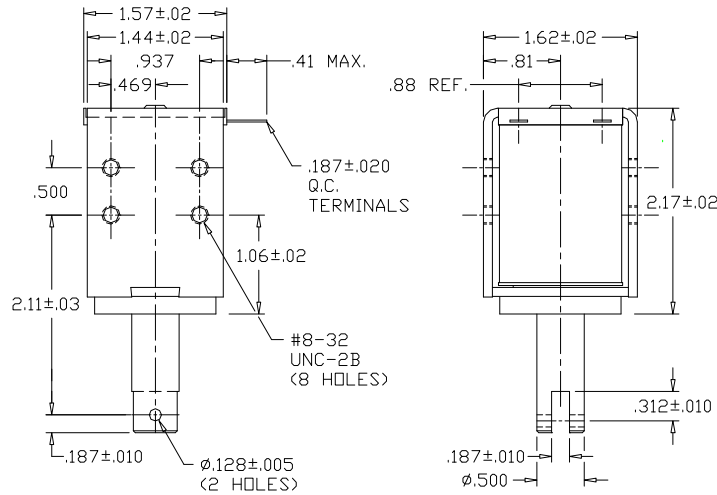
# GUARDIAN Electric Manufacturing

ISO 9001 / AS9100 Certified Company

Woodstock, IL 60098 Ph. (815)334-3600 Fax (815)337-0377

Or visit us at our website [www.guardian-electric.com](http://www.guardian-electric.com)

## Model 4HD AC Frame Solenoid



Solenoid shown energized and fully seated.

Spring kits are available (consult factory).

Total Weight: 16 oz.

Plunger Weight: 2 oz.


Model No.	Part No.	Duty Cycle	Volts	Res. (Ω)	Power (VA)	Current, Seated
4HD-I-120A	A420-065427-00	*Intermittent	120	19.3	171	1.4 A
4HD-C-120A	A420-065426-00	Continuous	120	73	31	258 mA
4HD-I-240A	A420-065429-00	*Intermittent	240	77	171	713 mA
4HD-C-240A	A420-065428-00	Continuous	240	292	31	129 mA

When ordering, please refer to Part No., as listed above.

Consult factory for custom configurations.

Stroke (in.)	Pull Force (oz.)							Holding Force (oz.)
	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous Duty	20	18	18	20	22	24	24	80
*Intermittent Duty	70	60	60	66	75	75	66	135

### UL Recognition

Recognized under the  Component Recognition Program of **Underwriters Laboratories, Inc.**

### Continuous Duty

100% 'On' Time

### \*Intermittent Duty

25% 'On' Time, (300 Seconds 'On' Max. Followed By 900 Seconds 'Off' Min.)

### RoHS

These parts comply with **RoHS** Directive 2002/95/EC