

AC Frame Solenoid



Model 4

Features:

- Available return spring kit
- AC & DC Applications
- See Model 4 DC
- UL recognized

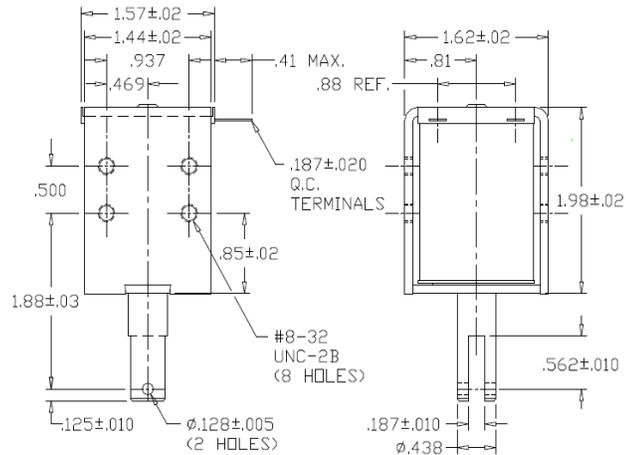
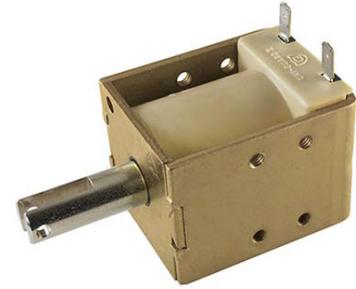
Electrical:

- Coil Voltages: 24, 120, 240 VAC standard
- Coil Termination: 3/16" QC terminals
- Duty Cycle: 100% Continuous, 25% Intermittent, 10% Intermittent, 1% Pulse
- Coil treatment: Plastic cover
- Insulation Class: Class A Rating - 105° C (221° F)
- Dielectric Strength: 1500V 60 Hz

Mechanical:

- Size: 1.98" (L) x 1.57" (W) x 1.62" (H)
- Plunger Diameter: 0.438"
- Plunger Guide Material: Plastic
- Mounting: 8 - #8-32 holes
- Weight: Plunger 1.6 oz, Total 12.6 oz
- Life Expectancy: 1 Million Cycles¹

¹ - Dependent on load conditions



Solenoid shown energized with plunger fully seated

Standard Part Numbers

Model No.	Part No.	Duty Cycle	Voltage	Resistance ² (Ω)	Power (W)	Current
4-C-120A	A420-065936-00	Cont.	120VAC	133	10	83 mA
4-I-120A	A420-065937-00	Inter. 25%	120VAC	37	60	500 mA
4-C-240A	A420-065938-00	Cont.	240VAC	561	10	42 mA
4-I-240A	A420-065939-00	Inter. 25%	240VAC	148	60	250 mA

² - Coil resistance tolerance +/- 5%

Contact us for custom voltages or duty cycles

⚡

Available Customization:

- Plunger
- AC Voltage
- Duty Cycle
- Insulation systems up to class H 180° C (356° F)

* Minimum quantities apply

Stroke (in.)	Typical Pull Force Ounces [N] @ 20°C (68°F) (Distance from fully seated position)							HOLDING FORCE Ounces [N]
	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous 100%	10 [2.8]	9 [2.5]	9 [2.5]	10 [2.8]	12 [3.3]	13 [3.6]	12 [3.3]	43 [12]
Intermittent 25%	38 [10.6]	32 [8.9]	35 [9.7]	38 [10.6]	44 [12.2]	46 [12.8]	46 [12.8]	92 [25.6]

Continuous Duty = 100% On Time
Intermittent Duty 25% = 25% On Time (5 Minutes On Max Followed By 15 Minutes Off)

Optional Return Spring Kit

A490-367462-03



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1425 Lake Ave - Woodstock IL 60098 - Phone: 800-762-0369
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