

# AC Frame Solenoid



## Model 28

### Features:

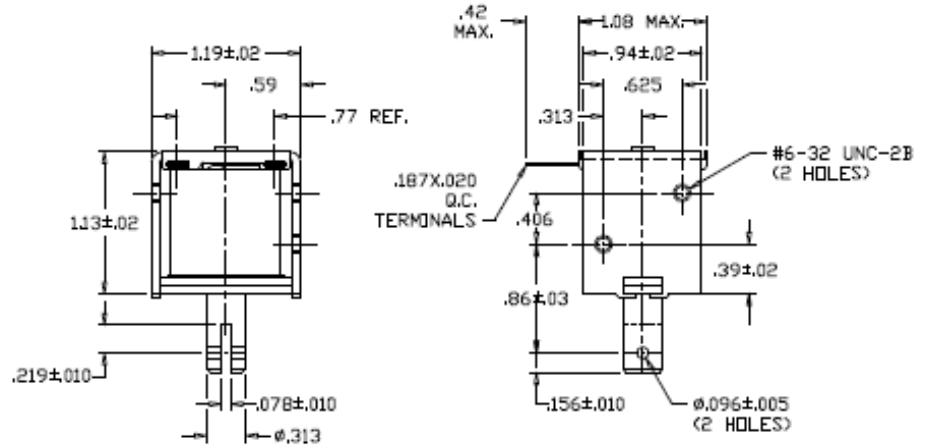
- Available return spring kit
- AC & DC Applications
- See Model 28 DC
- UL recognized

### 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: 1.13" (L) x 1.08" (W) x 1.19" (H)
- Plunger Diameter: 0.313"
- Plunger Guide Material: Plastic
- Mounting: 2 - #6-32 holes
- Weight: Plunger 0.5 oz, Total 3.5 oz
- Life Expectancy: 1 Million Cycles<sup>1</sup>
- <sup>1</sup> - Dependent on load conditions



Solenoid shown energized with plunger fully seated

### Standard Part Numbers

Model No.	Part No.	Duty Cycle	Voltage	Resistance <sup>2</sup> (Ω)	Power (W)	Current
28-C-120A	A420-065446-00	Cont.	120VAC	400	8	67 mA
28-I-120A	A420-065447-00	Inter. 20%	120VAC	220	22	183 mA
28-C-240A	A420-065448-00	Cont.	240VAC	1600	8	33 mA
28-I-240A	A420-065449-00	Inter. 20%	240VAC	900	22	92 mA

<sup>2</sup> - 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]
	0.050	0.125	0.250	0.375	0.500	
Continuous 100%	11 [3.1]	8 [2.2]	6 [1.7]	4 [1.1]	1 [0.3]	13 [3.6]
Intermittent 25%	18 [5]	14 [3.9]	9 [2.5]	5 [1.4]	2 [0.6]	15 [4.2]

Continuous Duty = 100% On Time  
Intermittent Duty 20% = 20% On Time (4 Minutes On Max Followed By 16 Minutes Off)

Optional Return Spring Kit

A490-367462-08



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