

# AC Frame Solenoid

## Model 11



1425 Lake Avenue, Woodstock, IL 60098

### Features:

Available return spring kit  
AC & DC Applications (See Model 11 DC)  
UL recognized  
RoHS Compliant  
Coil Termination: 3/16" QC terminals

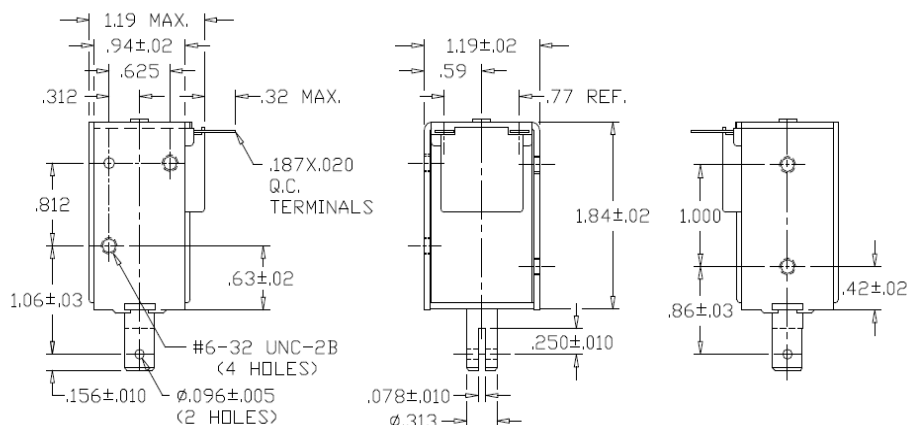
### Electrical:

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

### Mechanical:

Size: 1.84" (L) x 1.19" (W) x 1.19" (H)  
Plunger Diameter: 0.313"  
Plunger Guide Material: Plastic  
Mounting: 4 - #6-32 holes  
Weight: Plunger 0.6 oz, Total 5.2 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
11-C-120A	A420-065566-00	Cont.	120VAC	225	12	100 mA
11-I-120A	A420-065567-00	Inter. 15%	120VAC	85	40	333 mA
11-C-240A	A420-065568-00	Cont.	240VAC	920	12	50 mA
11-I-240A	A420-065569-00	Inter. 15%	240VAC	345	40	167 mA

<sup>2</sup> - Coil resistance tolerance +/- 5%

Contact us for custom voltages or duty cycles

### Available Customization:

- Plunger
  - AC Voltage / Duty Cycle
  - Coil Termination
  - Insulation systems up to class H 180° C (356° F)
- \* Minimum quantities apply

Typical Pull Force Ounces [N] @ 20°C (68°F) (Distance from fully seated position)								HOLDING FORCE Ounces [N]
Stroke (in.)	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous 100%	13 [3.6]	11 [3.1]	10 [2.8]	9 [2.5]	8 [2.2]	7 [1.9]	4 [1.1]	12 [3.3]
Intermittent 15%	24 [6.7]	20 [5.6]	19 [5.3]	18 [5]	17 [4.7]	16 [4.4]	8 [2.2]	20 [5.6]

Continuous Duty = 100% On Time

Intermittent Duty 15% = 15% On Time (4 Minutes On Max Followed By 23 Minutes Off)

Optional Return  
Spring Kit

A490-367462-05



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