

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

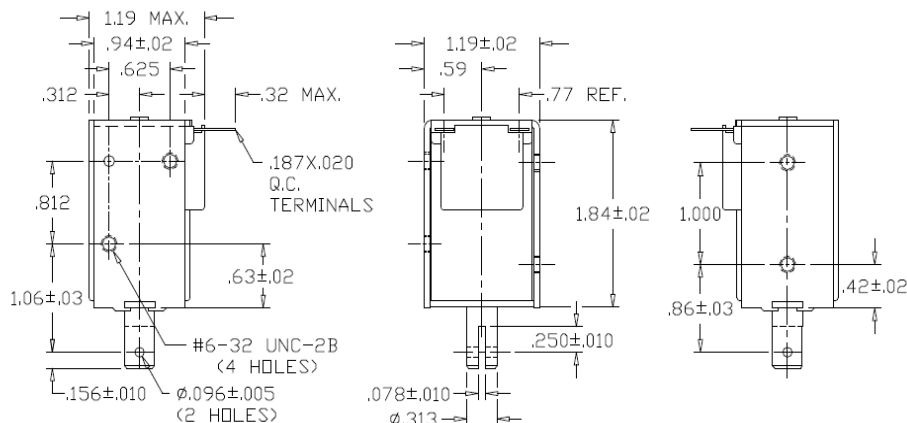
Electrical:

- 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 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 |
|-----------|----------------|------------|---------|-----------------------------|-----------|---------|
| 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 |

² - 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**

| 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% | 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



www.kelcoind.com

Information contained in this specification sheet subject to change without notice. Guardian Electric ©

