



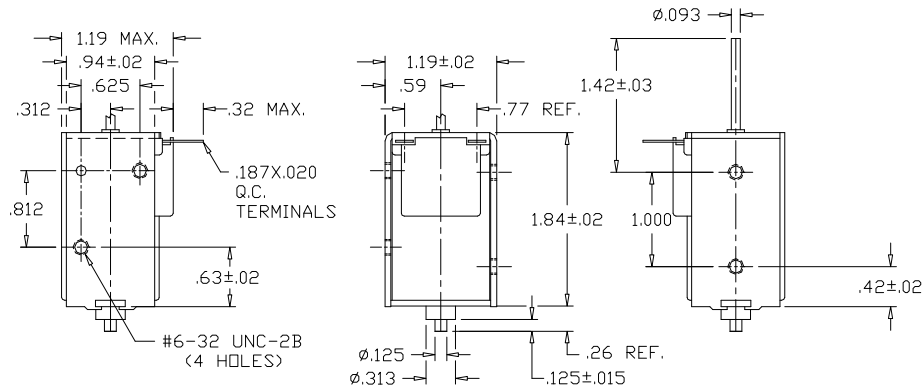
GUARDIAN Electric Manufacturing

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

Model 11P Push AC Frame Solenoid



Solenoid shown energized and fully seated.

Total Weight: 5.0 oz.

Plunger Weight: .6 oz.


Model No.	Part No.	Duty Cycle	Volts	Res. (Ω)	Power (VA)	Current, Seated (mA)
11P-I-120A	A420-065707-00	*Intermittent	120	85	40	333
11P-C-120A	A420-065706-00	Continuous	120	225	12	100
11P-I-240A	A420-065709-00	*Intermittent	240	345	40	167
11P-C-240A	A420-065708-00	Continuous	240	920	12	50

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

Consult factory for custom configurations.

Stroke (in.)	Push Force (oz.)							Holding Force (oz.)
	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous Duty	13	11	10	9	8	7	4	12
*Intermittent Duty	24	20	19	18	17	16	8	20

UL Recognition

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

Continuous Duty

100% 'On' Time

*Intermittent Duty

15% 'On' Time, (240 Seconds 'On' Max. Followed By 1360 Seconds 'Off' Min.)

RoHS

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



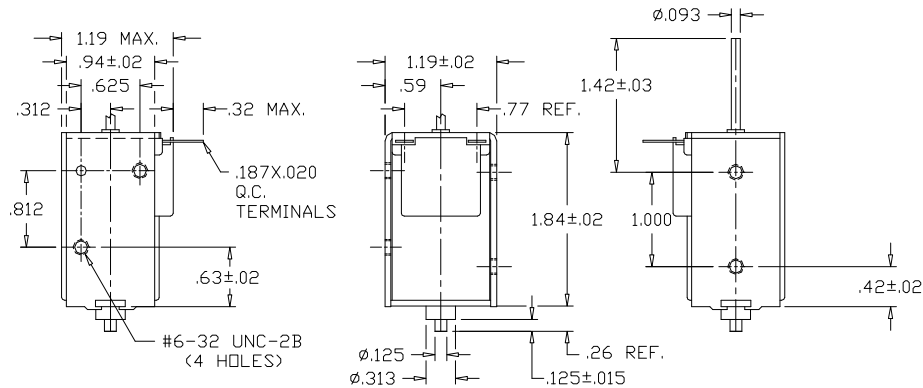
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Model 11P Push DC Frame Solenoid



Solenoid shown energized and fully seated.

Spring kits are available (consult factory).

Total Weight: 9.5 oz.

Plunger Weight: 1.1 oz.


Model No.	Part No.	Duty Cycle	Voltage	Resistance (Ω)	Power (W)	Current
11P-I-12D	A420-065713-00	Intermittent	12VDC	7.5	20.2	1.6 A
11P-C-12D	A420-065712-00	Continuous	12VDC	18.4	8.2	652 mA
11P-I-24D	A420-065715-00	Intermittent	24VDC	29.1	20.8	825 mA
11P-C-24D	A420-065714-00	Continuous	24VDC	93.1	6.5	258 mA

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

Consult factory for custom configurations.

Stroke (in.)	Push Force (oz.)								Holding Force (oz.)
	0.050	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous Duty	35	21	10	6	4	2	1	n/a	82
Intermittent Duty	62	46	27	18	10	8	6	5	93

UL Recognition

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

Continuous Duty

100% 'On' Time

Intermittent Duty

25% 'On' Time, (100 Seconds 'On' Max. Followed By 300 Seconds 'Off' Min.)

RoHS

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