



D-FRAME SOLENOID

Two position linear solenoid with D-frame construction.

Features

- Balance of cost and performance
- AC solenoids and DC solenoids available
- Encapsulated coils on most models
- UL approval on many models



Electrical Specifications	
Coil Voltages	12, 24, 120, 240 VAC 6, 12, 24, 110 VDC
Coil Power	31 VA Continuous, 145 VA Intermittent, 310 VA Pulse 11.5 Watts Continuous, 38 Watts Intermittent, 115 Watts Pulse
Coil Termination	0.187" Quick Connect Terminals (standard) 0.250" Quick Connect Terminals (optional) Wire Leads (optional with tape wrapped coil)
Duty Cycle	Continuous, intermittent and pulse (see standard part numbers on page 4)
Coil Treatment	Encapsulated (tape wrapped optional)
Insulation Class	Class A Rating - 105° C Max. (221°F) (standard) Class F Rating - 155° C Max. (311°F) (optional)
Dielectric Strength	30 Volts and Under: 500 VRMS Over 30 Volts: 1000 VRMS plus 2X rated voltage for 1 minute
Mechanical Specifications	
Size	2.175" (L) x 1.437" (W) x 1.625" (H) (See dimensional drawing on page 2)
Forces	See force curves on page 3
Plunger Diameter	0.500"
Plunger Guide Material	Plastic
Mounting	8X #8-32 UNC-2B Mounting Holes
Weight	Plunger - 2.5 oz., Total - 13.3 oz
Life Expectancy	250,000 Cycles (Dependent on load conditions)
Agency Approval	
	UL File No. E57982 For Continuous Duty UL File No. E74443 For Insulation Systems S105, S130, S130D, S130D1, & S155D

All dimensions in Inches