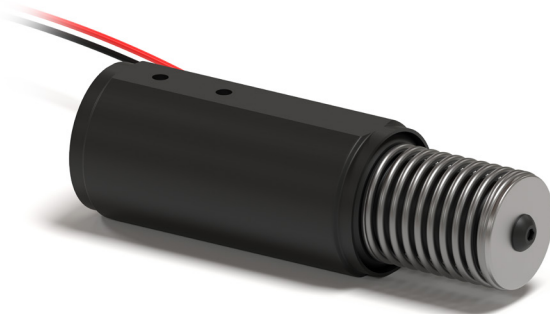


Manual Reset Latching Solenoid



The manual reset latching solenoid is ideal for power interrupt switches and reclosers because it does not need constant power to maintain position, releases quickly when activated, and remains in the released position until manually reset. It has a high latching force, is temperature stable, and can release in less than 12 milliseconds at -40°C. The robust design eliminates the durability failure modes of standard U-frame designs. Size and configuration are customizable to fit a variety of application requirements.

Features & Benefits

- + High latching force
- + Direct acting
- + Two-position latching
- + Fast response
- + Robust design
- + Must be manually reset
- + Stable in wide range of temperatures
- + Customizable size and configuration

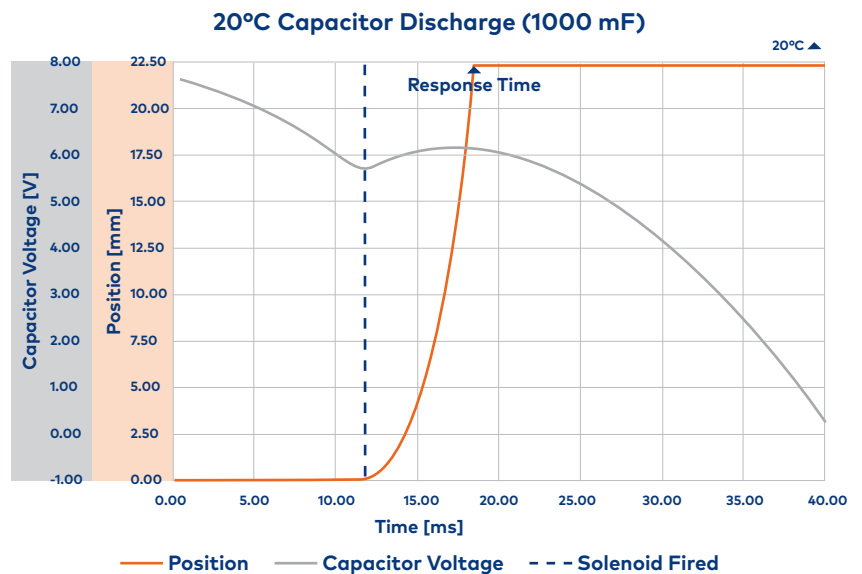
Applications

- + Power interrupt switches
- + Reclosers
- + Standby power systems
- + Access systems
- + Locks

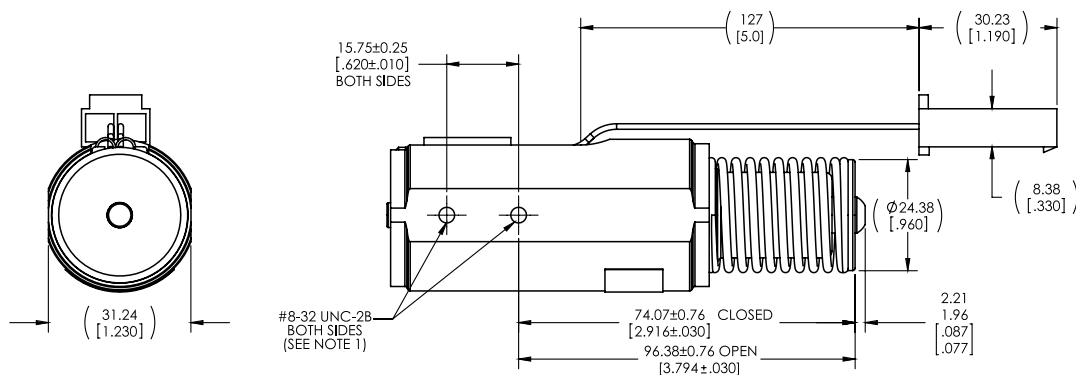
Technical Data (custom configurations available)

- + Stroke (can be designed to specifications):
22.3 mm $\pm$.64 mm
- + Coil resistance at 20°C: 5.75 Ω $\pm$ 0.3 Ω
- + Latched spring load: 59.16 N $\pm$ 5.78 N
- + Response time: 12 ms max.
- + Release voltage: 3 to 30 Vdc
- + Operating temperature range:
-40°C to 50°C (-40°F to 122°F)
- + Durability: > 100K cycles
- + Minimum trip energy: .030 J
- + Electric strength: 500 Vac
for 1 second

All TLX components are customized to fit system requirements, meaning technical specifications are unique to each customer and design. Examples given are for illustration purposes only.



Dimensional Drawings (dimensions in millimeters [inches])



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