

# HOT FEED

Information on New Products from Cole Hersee Company

**NEW**

## Latching Solenoid

*The unconventional solenoid that needs less than 3.5A to operate.*

*Conventional solenoids need the control circuit to be continuously energized to operate the load circuit. In contrast, latching solenoids remain open or closed without an energized control circuit.*

### HOW IT WORKS:

A momentary switch is used to energize the control circuit. This closes the load contacts of the power circuit. When the switch is released, the power circuit remains closed until the switch is depressed a second time. Thus a SPST Normally Off Momentary switch changes the solenoid from unlatched to latched, and back again.

### SPECIFICATIONS

- 110A continuous (carry only), 12V DC
- Plated steel case
- Hex nuts and lockwashers are supplied
- Coil is non-polarity sensitive
- Studs: Control circuit 10 -32 thread, power circuit 5/16" -24 thread
- Bracket mounting holes: 0.281" (7.16mm) x 0.310" (7.87mm) 2.20" (55.88mm) on center.
- For actuation, use a Normally Off SPST momentary switch, or equivalent.

### ASSOCIATED ITEMS



#### 9231 Momentary push-button switch SPST

Off - On, normally Off, spring return to Off. Chrome-plated button and face nut. Two screw terminals. Heavy duty construction with silver contacts. Recessed face nut protects button from accidental actuation. For applications to 36V DC. See our catalog for other types.



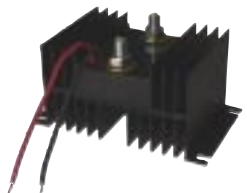
#### M-608 Momentary push-button switch, marine construction SPST

Off - On, normally Off, spring return to Off. Brass mounting stem fits panels through 1/2" thick. Two 18AWG leads, 12" long. Plasticized body sealed against moisture and dirt. With black moisture-repellent rubber cap. 10A at 12V DC.



#### 9095 Momentary push-button switch SPST

Off - On, normally Off, spring return to Off. Chrome-plated button and face nut. Two screw terminals. Heavy duty construction with silver contacts. For applications to 36V DC. Item No. 9216 is identical, but with O-ring seal in mounting, for added weather-resistance. See our catalog for other types.



#### 48785 Electronic Solenoid

Fully solid-state: no moving parts. Rated for one million on-off cycles. Resistant to vibration, shock, moisture and dust. Operates -40° to +85°C. Very low (.02A) control current. Ideal for a variety of load applications, high side or low side, 9 through 31V DC at 85A continuous.

**Part No. 24200**  
Latching Solenoid



### APPLICATIONS

#### Remote battery-disconnect switch

A momentary SPST switch can be mounted on the panel or dash, and does not need the heavy gauge wire that would be necessary without a solenoid.

#### Remotely-operated battery isolator (For vehicles with two batteries)

When a momentary switch is actuated, both batteries are connected in parallel to both circuits. The Latching Solenoid does not produce the voltage drop typically associated with battery isolators, because it does not rely on diodes to perform the isolation function. Batteries are wired to power main or auxiliary circuit. Solenoid prevents battery power loss and drain.



## Cole Hersee Co.

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See our interactive product catalog at [www.colehersee.com](http://www.colehersee.com)