

Latching Solenoid Coil

C62 Series

C62 series latching solenoids are specially designed for "Zero Power to Hold". Latching solenoids operate with an instantaneous on-off command of approximately 50ms. After the command is given, the coil must be de-energized. The advantages of a permanent magnet are used to hold the plunger when the solenoid is not energized.

Since the solenoid does not need to be constantly energized, the heating problem is eliminated, more stable operation of the products and maximum energy savings are achieved.

"Zero Power to Hold" makes our Magnetic Latching solenoid a must for power management in applications that require linear actuation and continual hold with the absence of electrical power.



OPERATION

Magnetic latching solenoids differ from conventional solenoids by the use of a permanent magnet in their core that polarizes the unit. When connected in "pull-in" mode, force generated by the coil polarity adds to force in the polarized core which enables the plunger to pull in. When connected in the 'release' mode, coil polarity opposes the polarized core, allowing the load or spring to release the plunger.

APPLICATIONS

Medical Instruments
Power Management Devices
Security Devices
"Zero Power to Hold" Latching Mechanisms

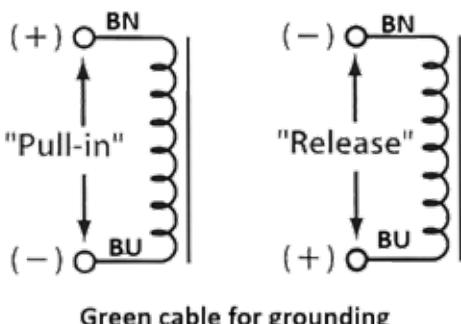
GENERAL FEATURES

- New design
- High performance
- Long lasting
- Maximum energy savings
- On-off in 50ms
- Ability to work in dusty, humid or watery environments

TECHNICAL FEATURES

Coil Insulation Class	: H (180°C)(IEC 85)
Ambient Temperature	: -10°C, +80°C
Protection Class	: IP67 (IP68 on request)
Cable Connection	: 3x0.75mm ² cable 1,5 meter (different lengths on request)
Supply Voltage	: 12/24/48/72 VDC 10W
Body	: Polyamide 6

CONNECTION DIAGRAM



DIMENSIONS

