

GRIT Solenoid Control

The **GRIT Solenoid Control** gives you flexible, automated management of solenoid-operated devices in your workshop – such as gas valves, pneumatic lines, or water supply shutoffs. Using the GRIT App, you can manually open or close the solenoid at any time from your phone or tablet, putting direct control at your fingertips without requiring a trip to a physical valve.

For shops that need a more automated approach, the Solenoid Control can be linked to your shop-wide GRIT Lock: when the shop is unlocked, the solenoid opens automatically, and when the shop is locked, it closes – ensuring that utilities are only active when the space is in use. Whether you need simple on-demand control or fully integrated shop automation, the Solenoid Control fits seamlessly into your existing GRIT system.

Anatomy of the GRIT Solenoid Control



1. Low-voltage green terminal (12VDC power in)
2. Three low-voltage black terminals (12VDC power out)
3. One 1/2" brass motorized ball valve

Installation

The instructions to install your Gate Control are listed below. You will need the following tools to complete installation:

- 18/2 Solid copper wire (10ft. provided)
- Slotted 2.5mm screwdriver (provided with first order)
- Wire stripper
- Applicable plumbing materials



Step 1:

Create wire whip to power the solenoid control device from the 12v 20a Power Bank.

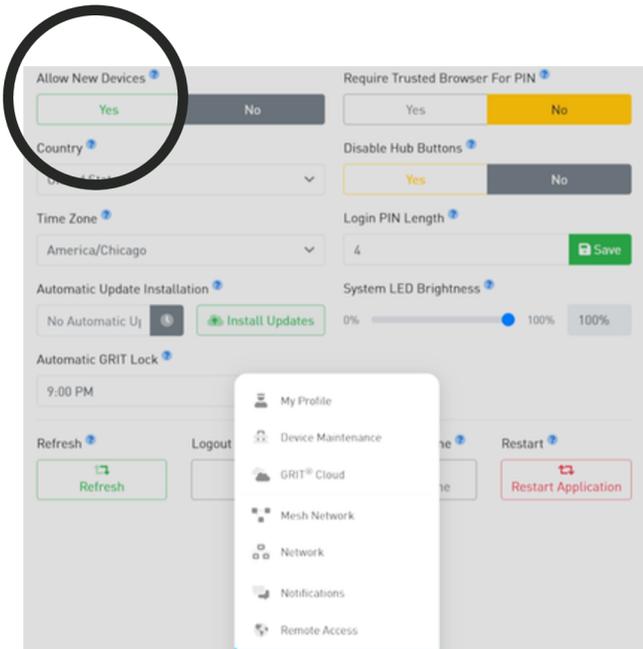
Be aware of keeping polarity consistent as positive (+) and negative (-) are marked on the green terminal and are on the opposite sides for the power bank jacks.



Step 2:

Strip and land wire leads from ball valve to one of the available black low-voltage terminals.

Be aware of keeping polarity consistent as positive (+) and negative (-) are marked on the terminal.



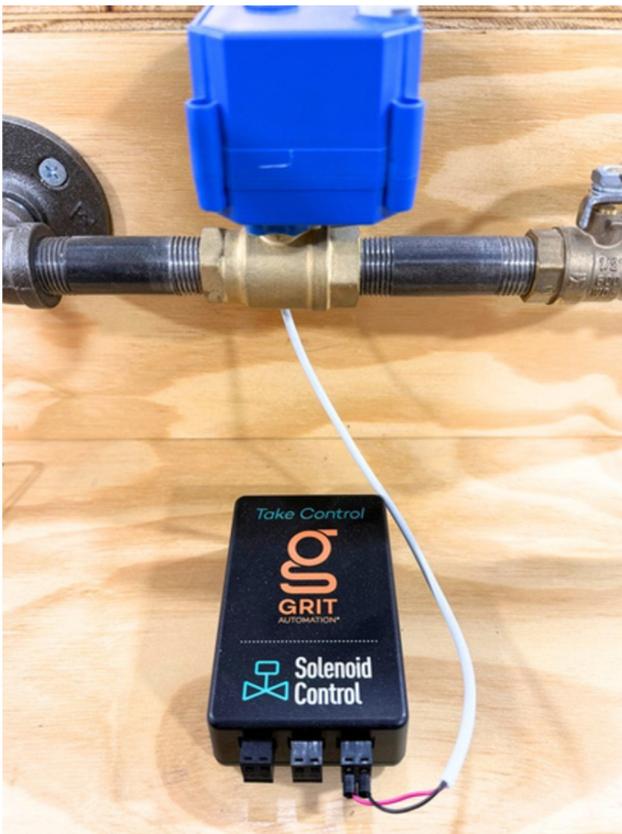
Step 3:

Once the Solenoid Control is receiving power, Bind it to the Hub.

Admin-->Settings-->Allow New Devices set to 'Yes'

or

Press the center, blue Bind button on the front of the Hub.



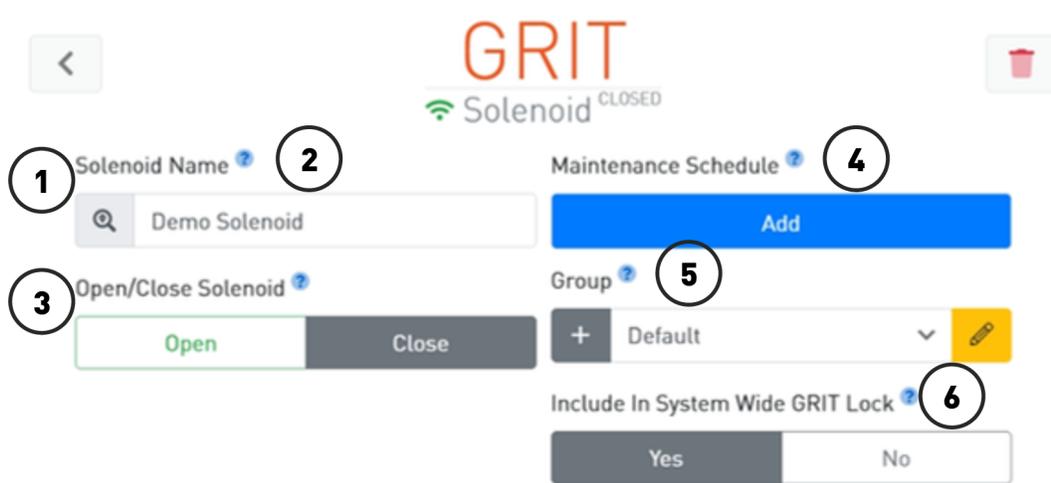
Step 4:

Install the motorized ball valve according to your specified needs.

Mount Solenoid Control device with VHB tape to keep it out of the way.

Configuration

Devices-->Solenoid--> *select specific device to configure*



1. Locate button to flash LEDs
2. Editable name field
3. Open/Close button
4. Maintenance Schedule to set up alerts for schedule care
5. Option to group devices by location
6. Option to include device in system-wide GRIT Lock so that solenoid opens when shop is unlocked and closes when shop is locked

