Other products from GSD

Contents

GSD

Wi-Pin & Prox
Wi-Pin
Wi-Prox

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Installation & User Manual V2.05

Technical Specs

Power Supply	12V DC
Current consumption	70mA
Current consumption with load (max)	100mA
Relay Contact Rating	5 Amps / 240V ac
Operating Temperature	-20°C to +60°C
Moisture Resistance	IP 67
Dimensions - Flush Mount	W. 87mm D. 21mm H. 119mm
- Surface Mount	W. 87mm D. 35mm H. 119mm
Number of Users	20000

Initial Installation

The Door Control should be Factory Defaulted after installation. This will restore all default settings to the Door Control and will unenrol it from any existing GSD Controller.
The Door Control will then start to scan and enrol on a GSD controller.

Refer to the section 'Enrolling Door Controls' for instructions on how to configure the GSD Windows Software.

Restoring Factory Settings - Wi-Pin&Prox, Wi-Pin

Code	Description
55	Restore Factory Default Settings

Example: X key then Engineer Code + Code = 55 + ✓

Note: The Door Control can not be defaulted while enrolled onto a GSD network controller. The Door Control must first be disabled using the GSD windows software.

If the Door Control is enrolled onto the GSD Network Controller then the Default Engineer code will be set by the GSD windows Software.

If Engineer Code is lost, Ensure the Door Control is disabled using the GSD windows software , then remove the Security Caps (see page 5) and hold down the X key during power-up and enter the default Engineer Code '6666' immediately.This will restore the factory settings.

Restoring Factory Settings - Wi-Prox

Step	Description	
1	Present Programming Card 2 Times	Programming Card x 2
2	Present Any Card Once	AnyCard x 1

Note: Add a programming card to the Wi-Prox Door Control. The Door Control must be disabled first if it has been enrolled onto a GSD Network Controller.
Follow the below method to add a programming card to the Door Control.

Adding a Programming Card

Step	Description	
1	Remove security caps and power down unit.	
2	Power up unit and Present Any Card 2 times immediately. This card is now the Programming Card for the unit. Refit security caps	AnyCard x 2

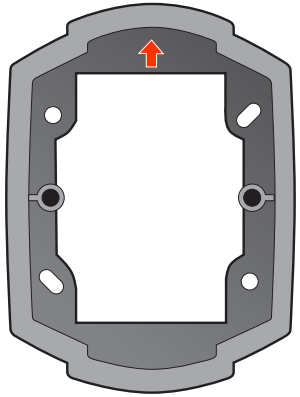
Factory Default PIN codes

The following PIN codes are the Factory Default Settings:

- The Default Engineer code is '6666'
- User PIN '1111'

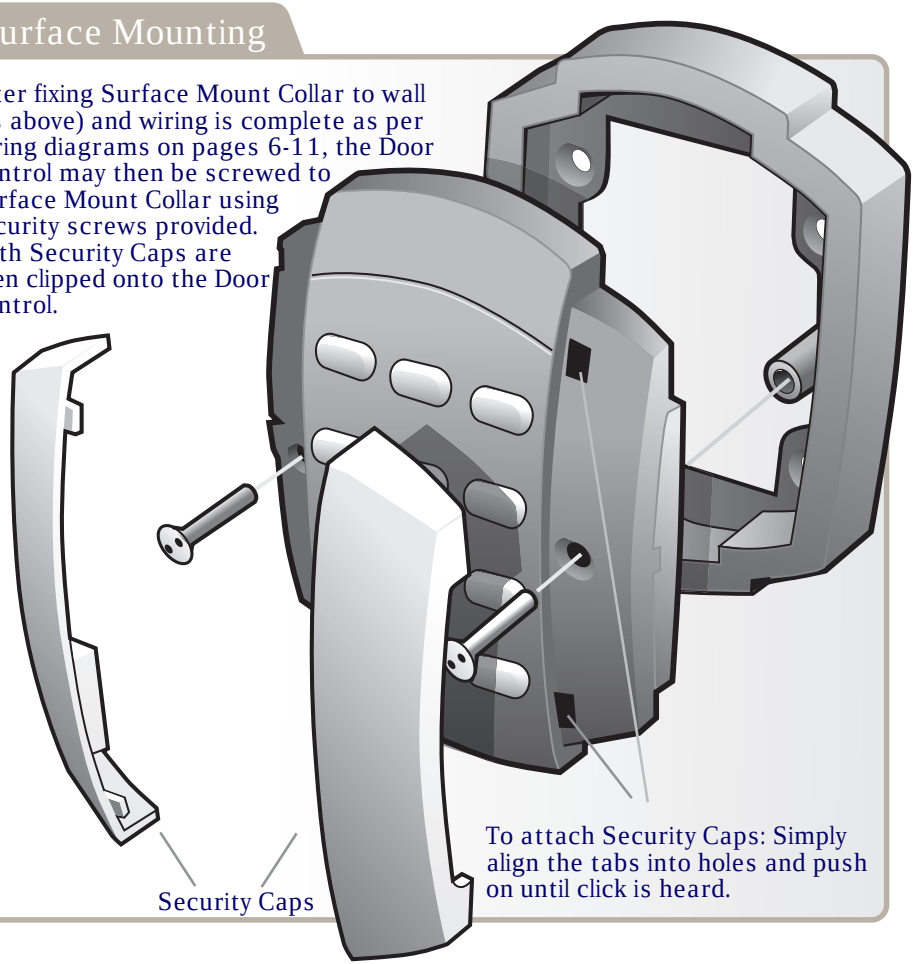
Note: The User PIN '1111' is deactivated when the Door Control is enrolled onto a GSD Network Controller.

When Surface Mounting the Door Control a Surface Mount Collar is required.
- Fix Surface Mount Collar to wall, ensure arrow is pointing upwards



Surface Mounting

After fixing Surface Mount Collar to wall (as above) and wiring is complete as per wiring diagrams on pages 6-11, the Door Control may then be screwed to Surface Mount Collar using security screws provided. Both Security Caps are then clipped onto the Door Control.

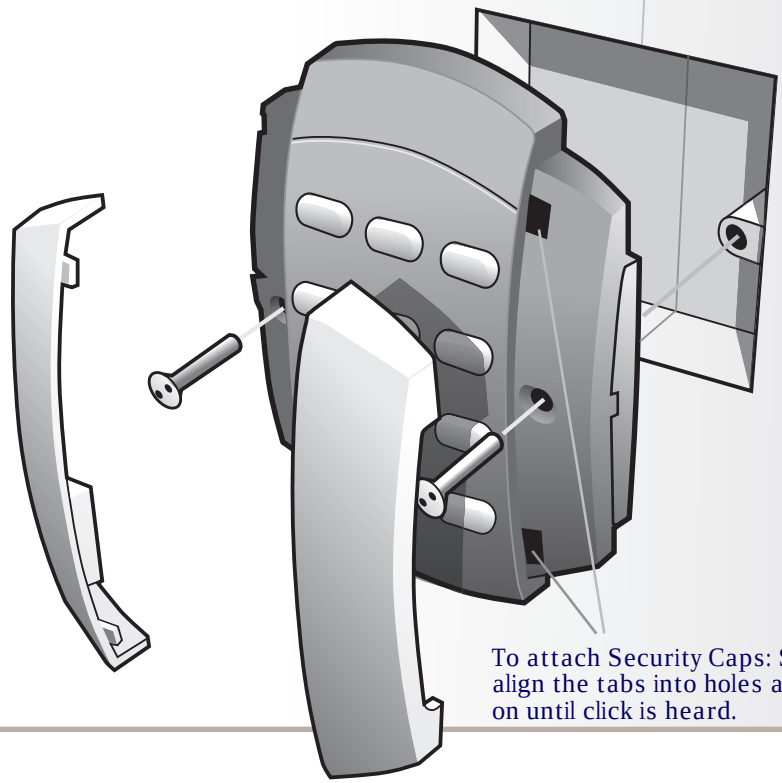


Security Caps

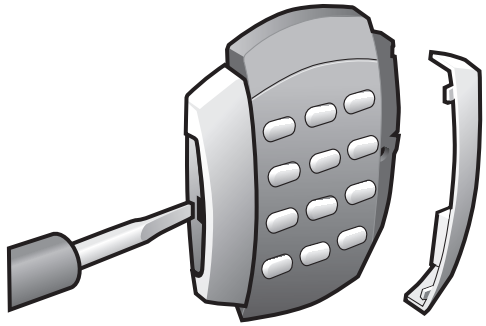
To attach Security Caps: Simply align the tabs into holes and push on until click is heard.

Flush Mounting

Door Control is mounted to electrical pattress box using security screws provided. Both Security Caps are then clipped onto Door Control.

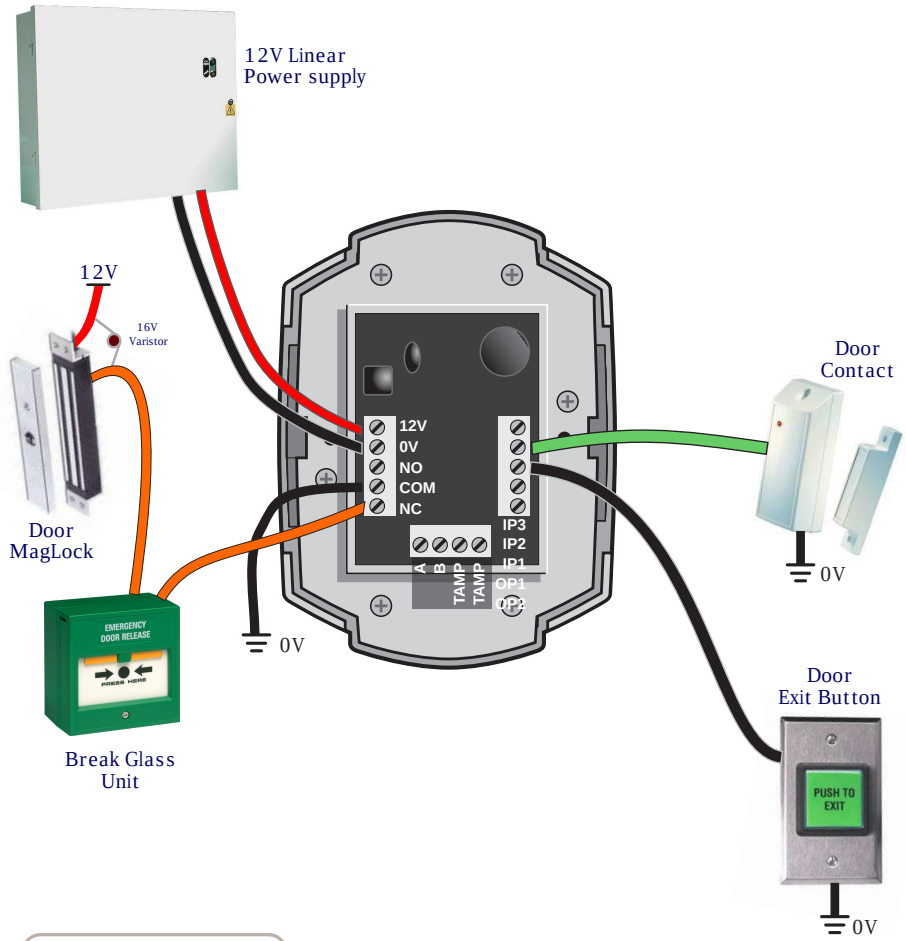


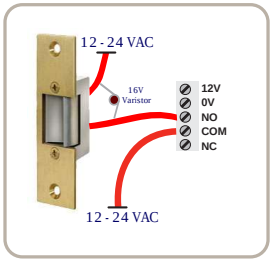
To attach Security Caps: Simply align the tabs into holes and push on until click is heard.



To release Security Caps push a screwdriver into slots on the side and pull forward.

Standard connections

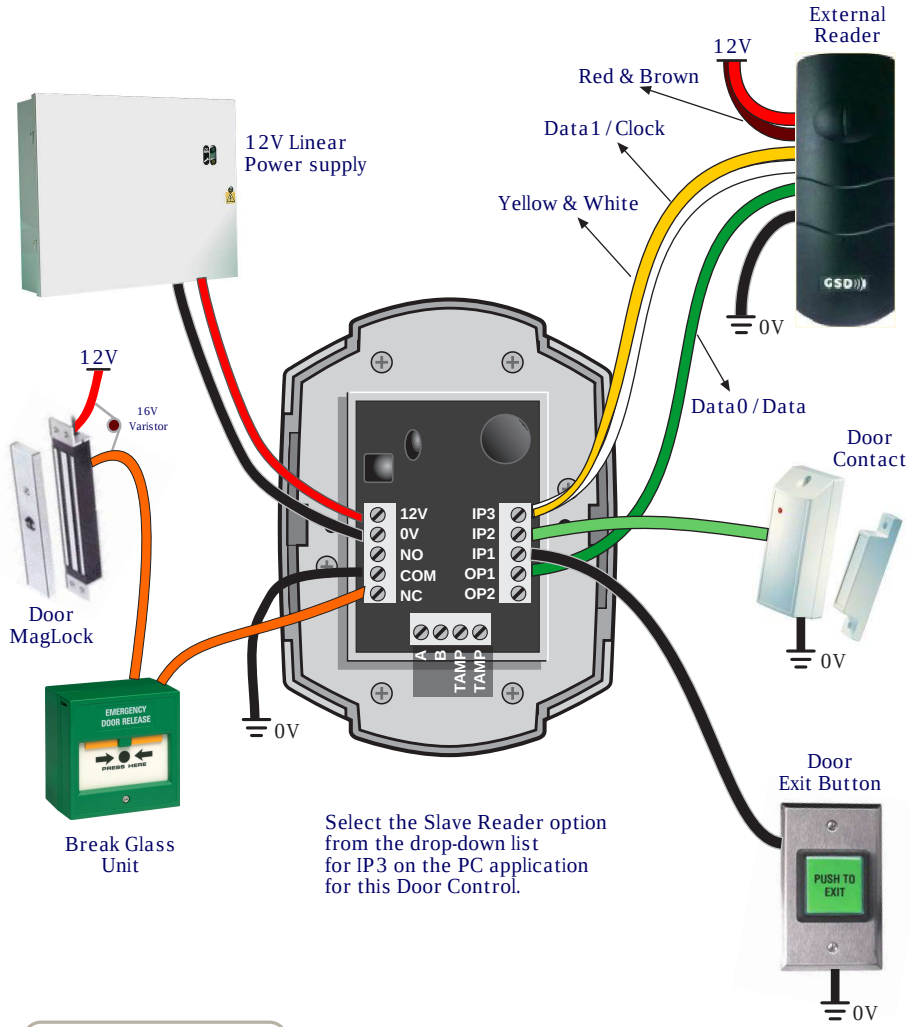


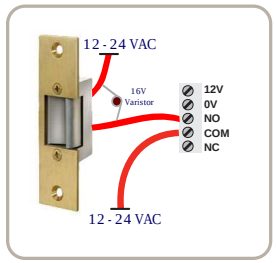


Wiring for StrikeLock only using 12 - 24VAC supply

0V Note: All OV shown in the diagram are connected to OV of the Door Control.

Slave Reader connections





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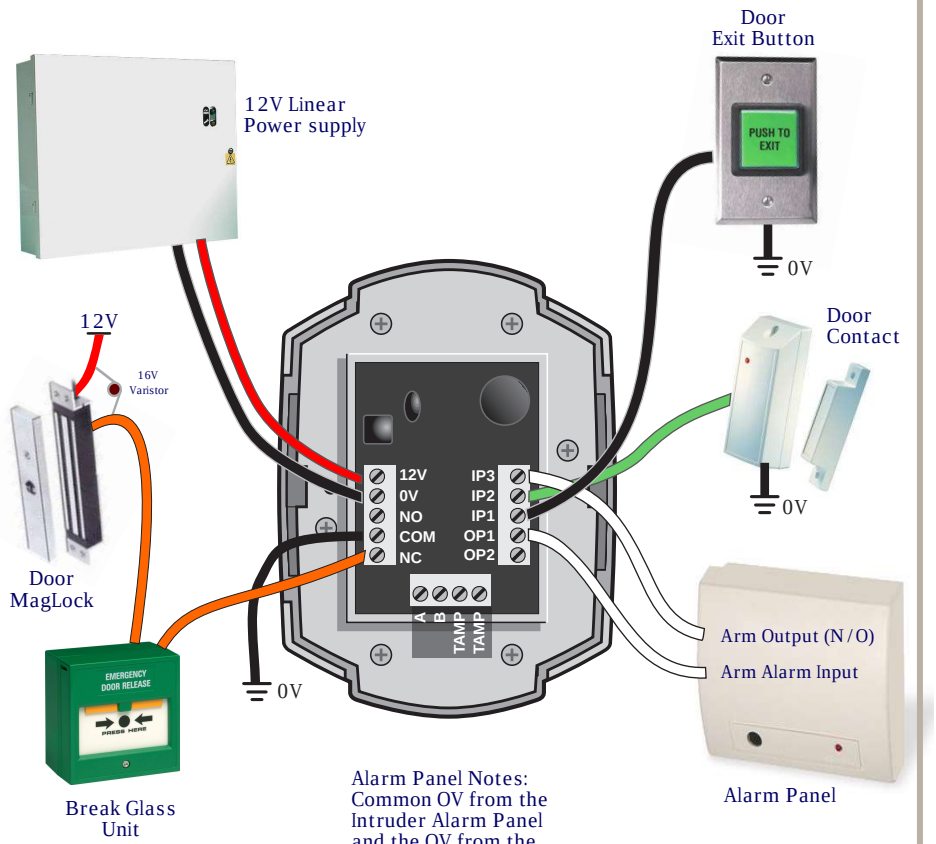
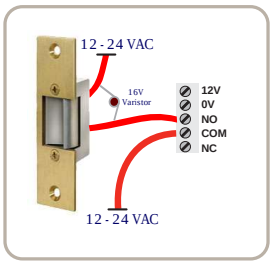
Alarm Panel connections



Alarm Panel Notes:
Common OV from the Intruder Alarm Panel and the OV from the Door Control to avoid any ground loop issues.

Only the Manager User can activate/deactivate the Alarm Panel. When the Alarm Panel is activated all other users are locked out.

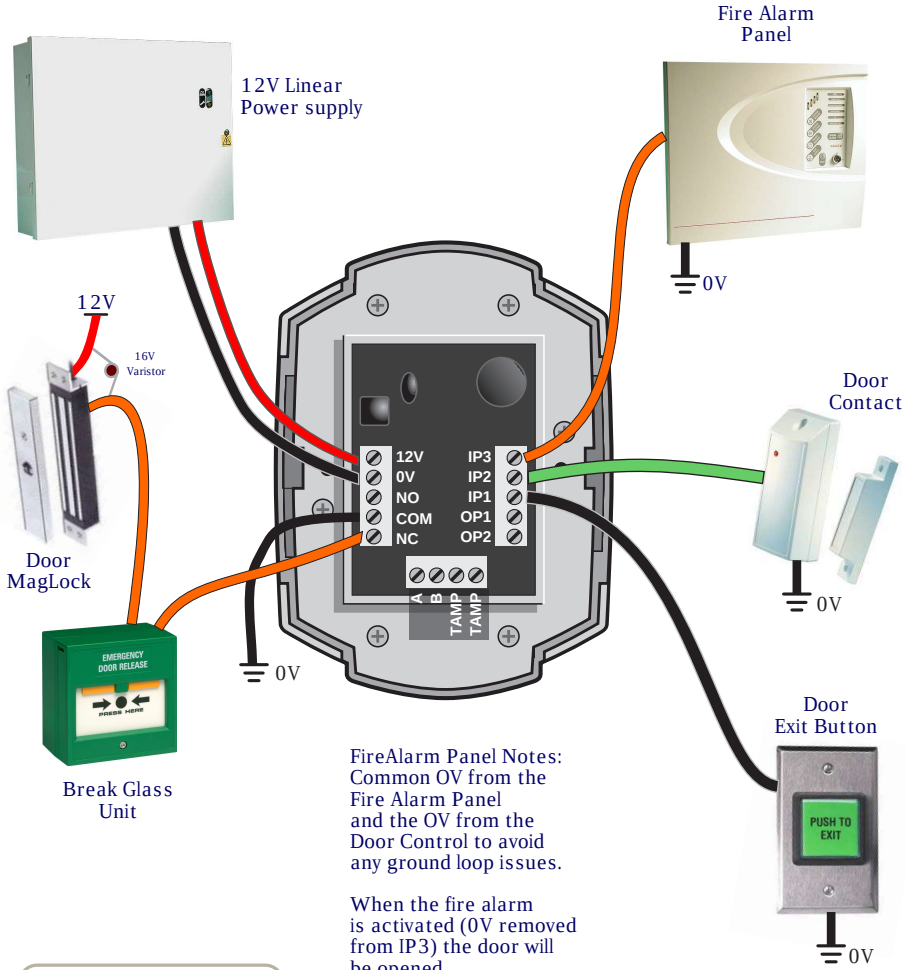
Select the Panel Alarm option from the drop-down list for IP3 on the PC application for this Door Control.



Wiring for StrikeLock only using 12 - 24VAC supply

Note: All OV shown in the diagram are connected to OV of the Door Control.

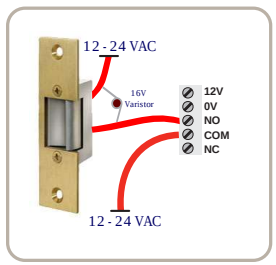
Fire Alarm Override



FireAlarm Panel Notes:
Common OV from the Fire Alarm Panel and the OV from the Door Control to avoid any ground loop issues.

When the fire alarm is activated (0V removed from IP3) the door will be opened.

Select the Fire Alarm Override option from the drop-down list for IP3 on the PC application for this Door Control.



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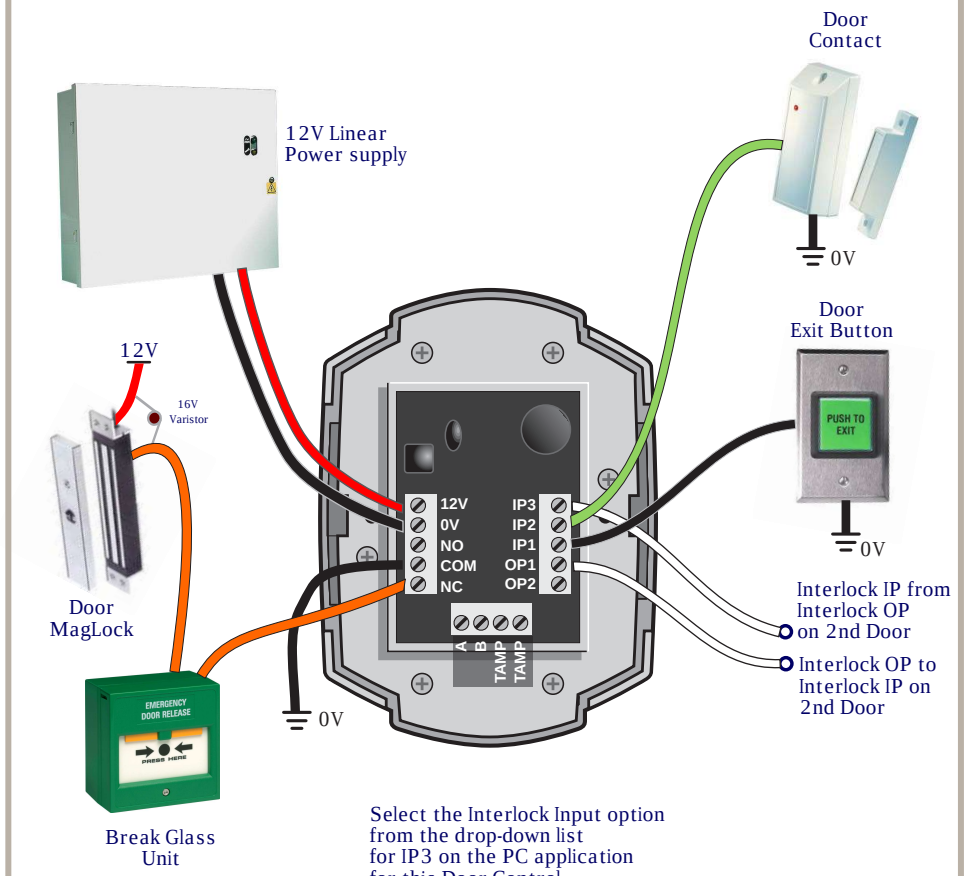
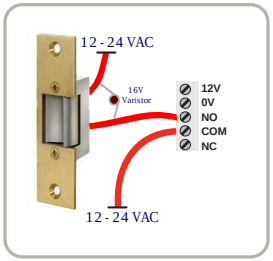
Note: All OV shown in the diagram are connected to OV of the Door Control.

Interlock connections



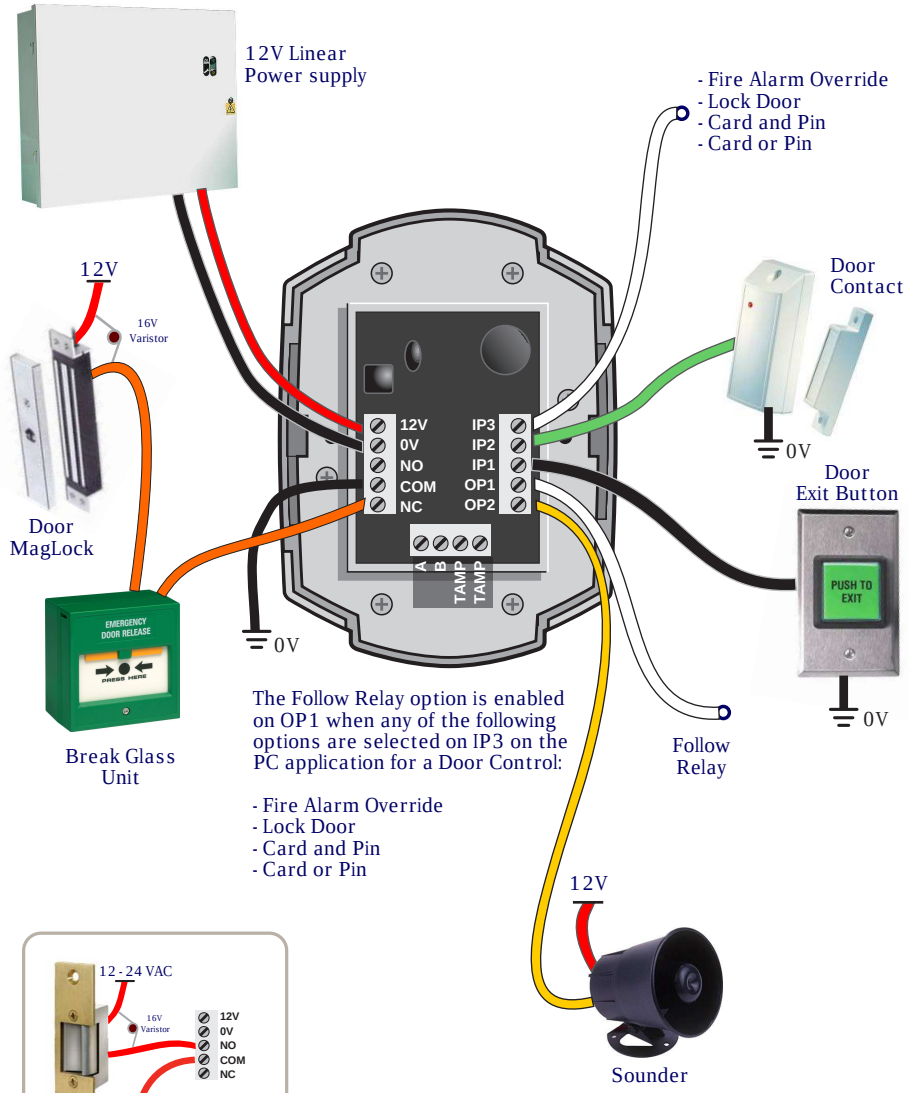
Select the Interlock Input option from the drop-down list for IP3 on the PC application for this Door Control.



Wiring for StrikeLock only using 12 - 24VAC supply

Note: All OV shown in the diagram are connected to OV of the Door Control.

Sounder & Follow Relay



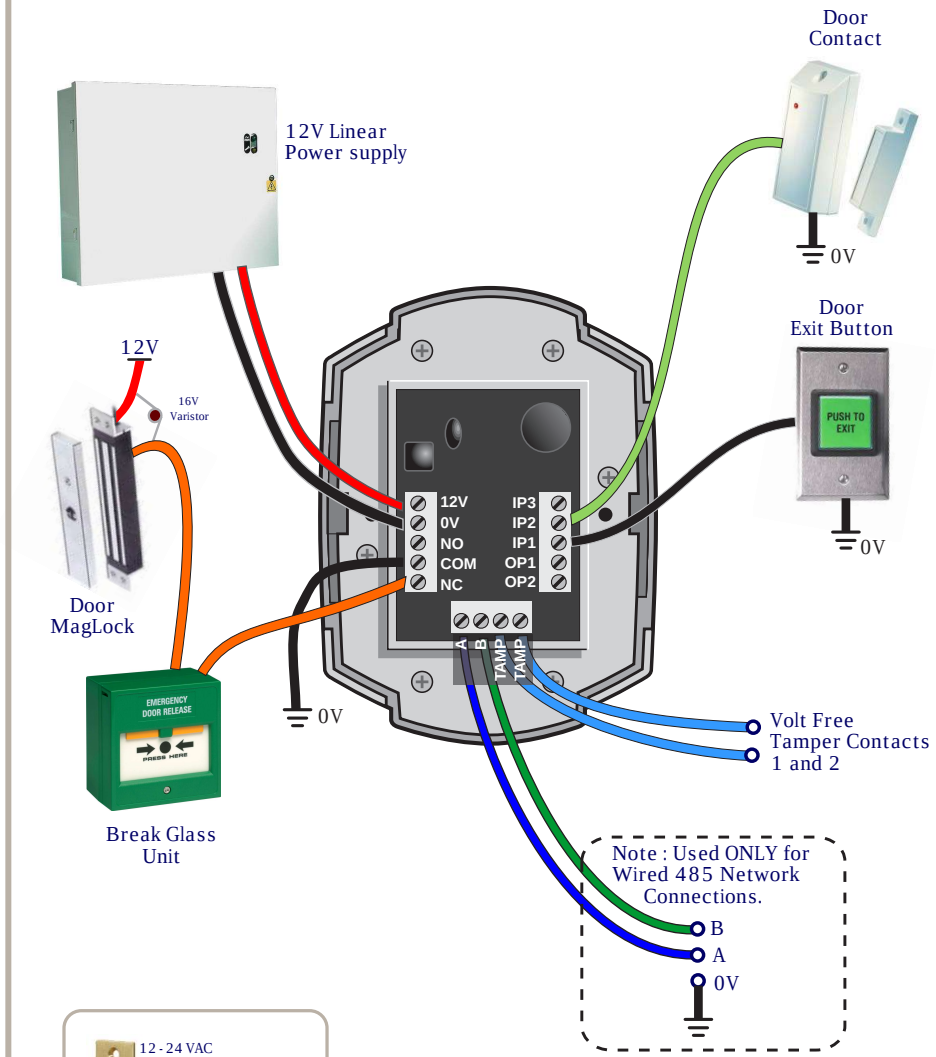
The Follow Relay option is enabled on OP1 when any of the following options are selected on IP3 on the PC application for a Door Control:

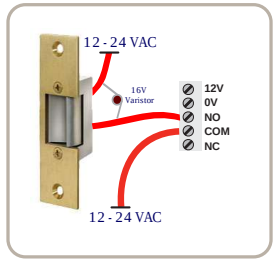
- Fire Alarm Override
- Lock Door
- Card and Pin
- Card or Pin

Wiring for StrikeLock only using 12 - 24VAC supply

Note: All OV shown in the diagram are connected to OV of the Door Control.

Wired 485 connections





Wiring for StrikeLock only using 12 - 24VAC supply

0V Note: All OV shown in the diagram are connected to OV of the Door Control.

Adding Door Controls Overview

Step	Description
1	Install and Wire each Door Control
2	Default each Door Control
3	On PC application - Doors Tab Click on Add New Door to add a new door to the system
4	Enrolling On a New System Install: On PC application - Controller Tab - Wireless Network Click on Create New Network. Continue with Step 5
5	Enrolling On an Existing System: On PC application - Controller Tab - Wireless Network Click Allow Doors to Join.
6	Each new Door Control will beep the next available address on the system
7	Press a key or present a Fob to assign this address to any Door Control. Continue with steps 6 & 7 until all new Door Controls are assigned an address on the system.
8	After all Door Controls are assigned an address: On PC application - Controller Tab - Wireless Network Click on Secure Network. This secures the wireless network.
9	On PC application - Doors Tab, Configure each Door Control with desired settings.

Adding Door Controls

Step	Description
1	Click the Doors Icon on the left hand toolbar
2	Click 'Add New Door'
3	The Door is added to the Controller.
4	Configure the required Door settings : Door Timers, Alarm Options, Door Options, Timed Actions, Inputs & Outputs.
5	Click 'Save' to transmit the changes to the GSD Controller.

Assigning a Door Address on Wireless Network

Step	Description
1	On the Controller screen: Click 'Allow Doors to Join this Controller'
	All Door Controls that don't have an address start to beep out the next available address. The Keys will also illuminate to indicate the address. e.g. Keys 1 & 5 will be ON for address number 15.
2	Hit any key on the 'beeping' Door Control to assign this address. Present a Card on the 'beeping' Proximity unit to assign this address.
	When a Door Control is assigned an address, all unassigned Door Controls will start to beep the next available address.
3	When all doors are assigned: Click 'Secure Network'

Assigning a Door Address on a Wired 485 Network

Step	Description
1	Right Click on the Controller Icon & select 'Manually Assign Addresses'
	Follow Step 2 above to complete the process.