

Legacy Intercom Wiring Guides

Common Configurations

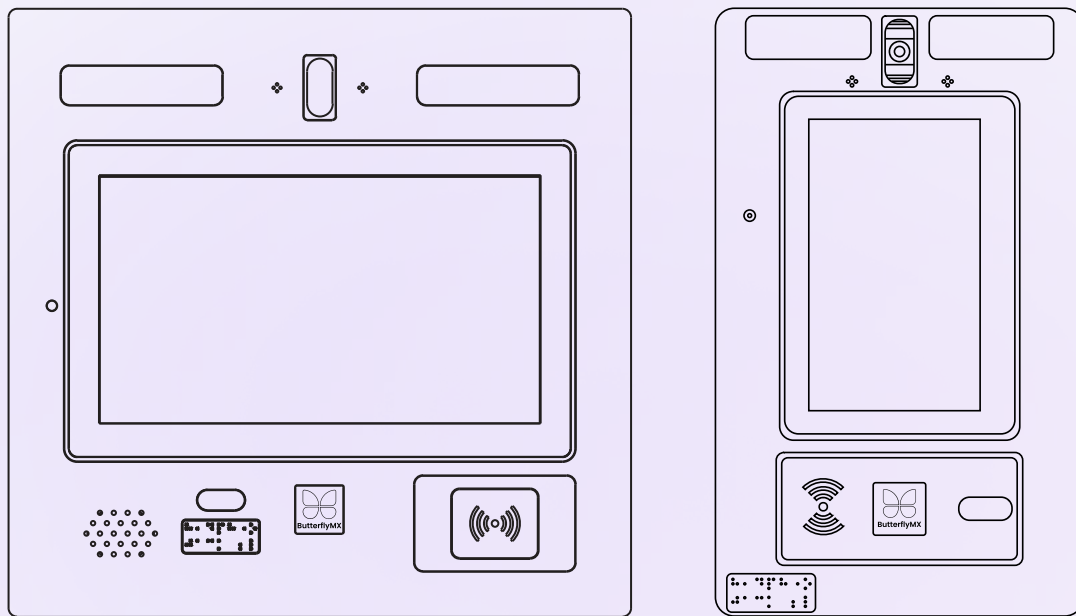


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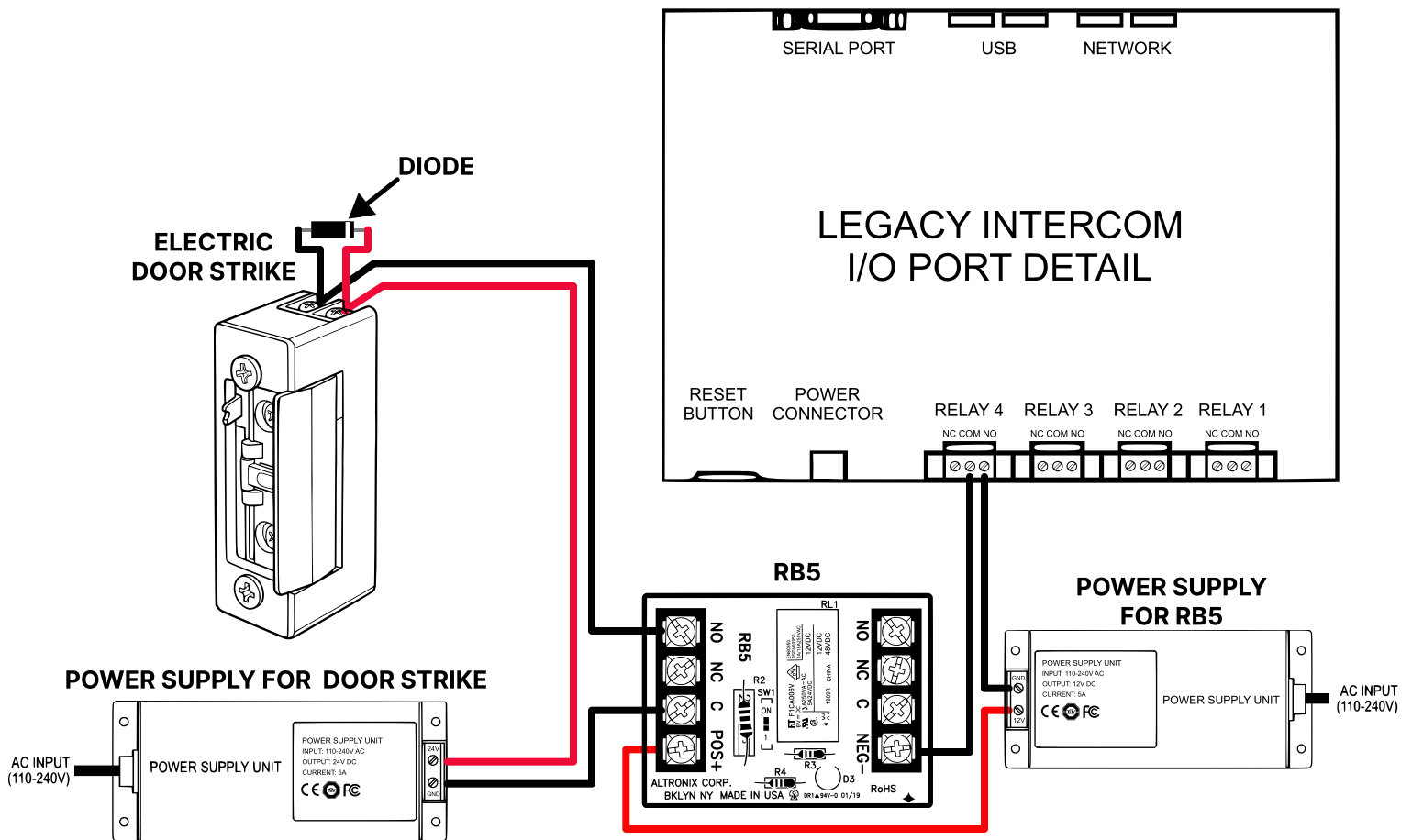
These are examples of some of the most common configurations, not a limit of what is possible.

- 02** Door Strike (DC-powered)
- 03** Door Strike (AC-powered)
- 04** Maglock + Push-to-Exit
- 05** Maglock + Motion Sensor

Legacy Intercom

With Door Strike (DC-powered)

 Images are not to scale.



Diodes are polarized components. Ensure the correct orientation when installing:
white = negative, red = positive.

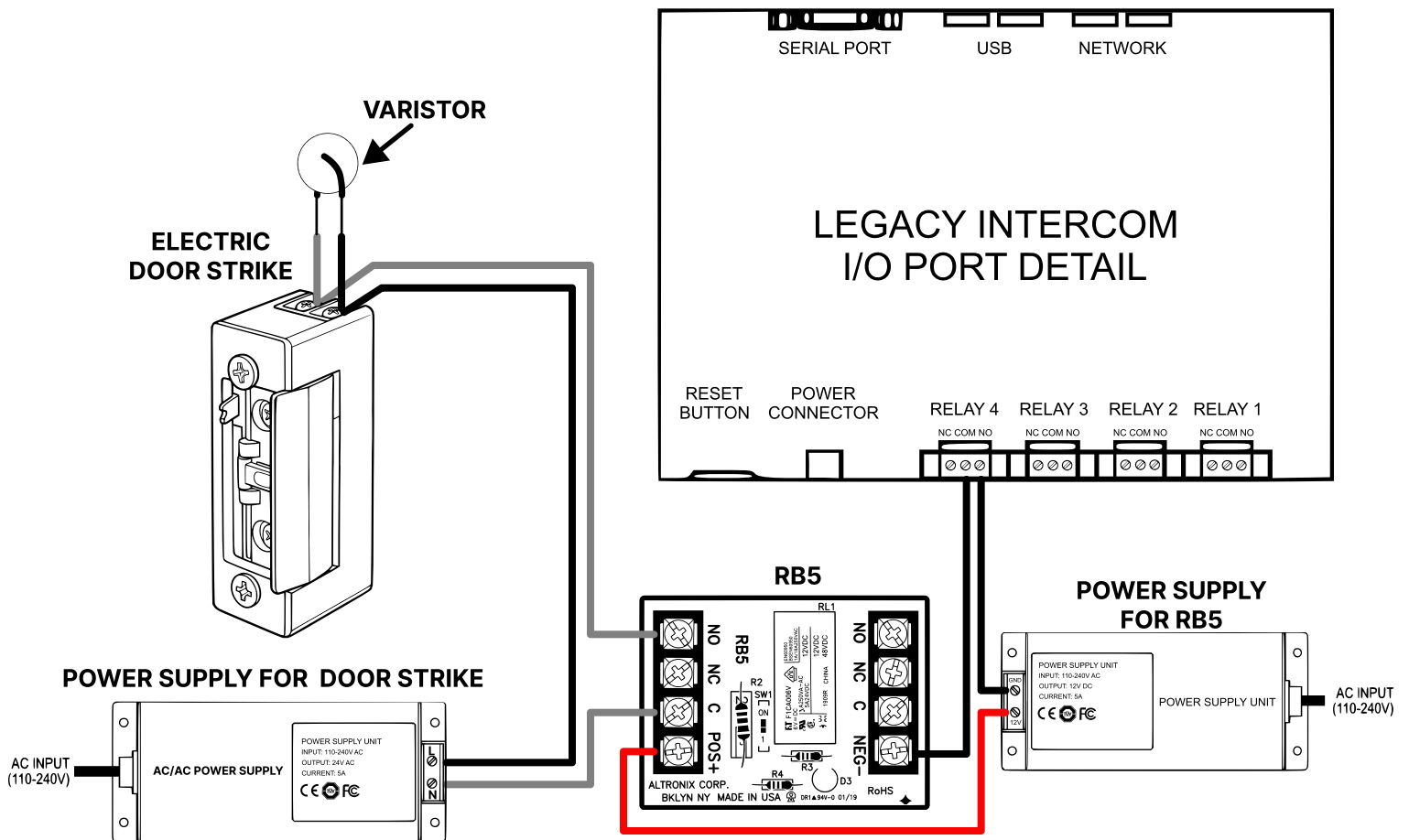
Diode should be installed as close to the maglock as possible. The connection is parallel.

ButterflyMX supplies one 1N400X Series diode per Intercom.

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With Door Strike (AC-powered)

 Images are not to scale.



Varistor should be installed as close to the door strike as possible. The connection is parallel.

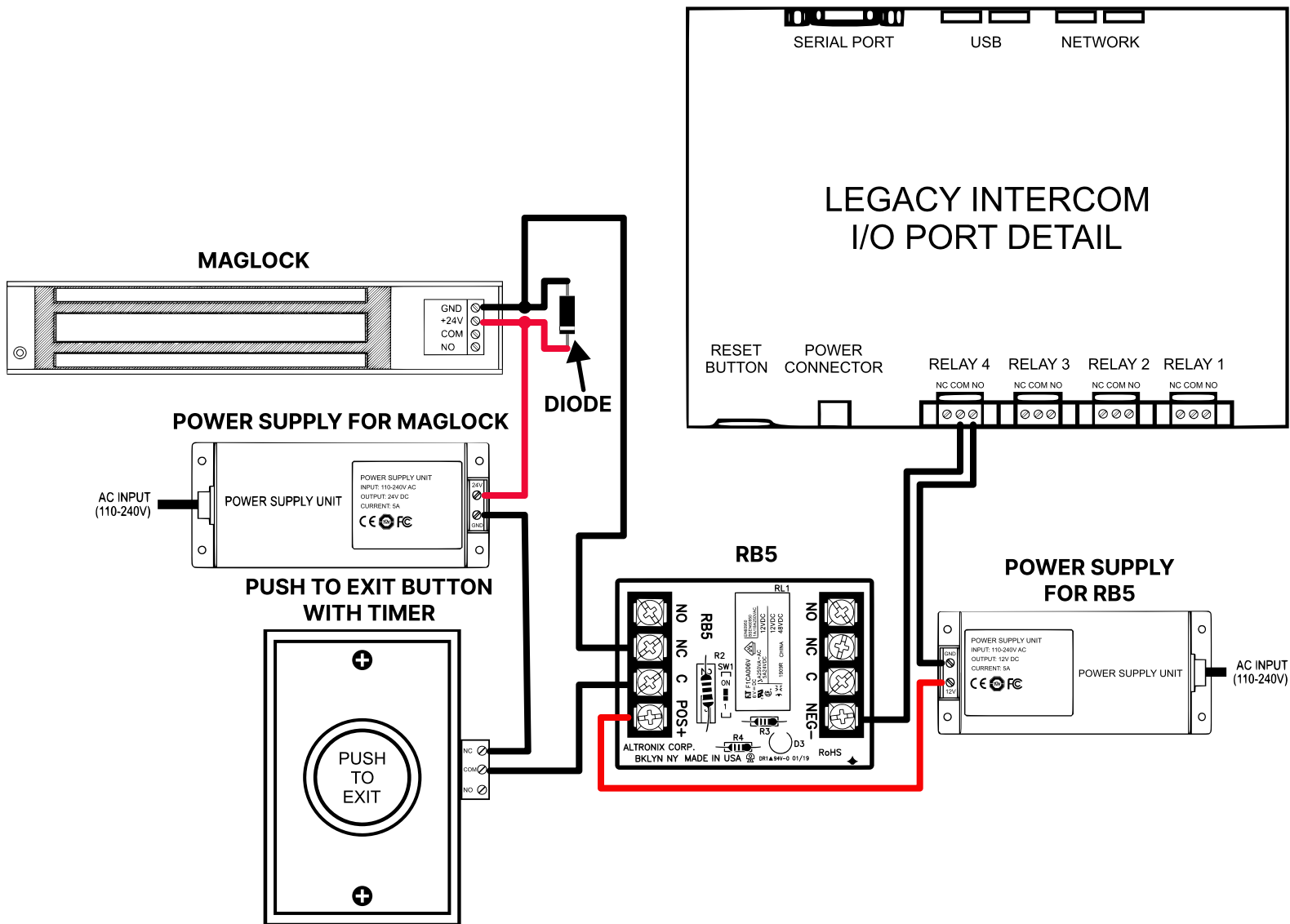
ButterflyMX supplies one MOV AdvancedD series leaded varistor per Intercom.

Varistors are not polarized components.

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With Maglock + Push-to-Exit

 Images are not to scale.



Diodes are polarized components. Ensure the correct orientation when installing:

white = negative, red = positive.

Diode should be installed as close to the maglock as possible. The connection is parallel.

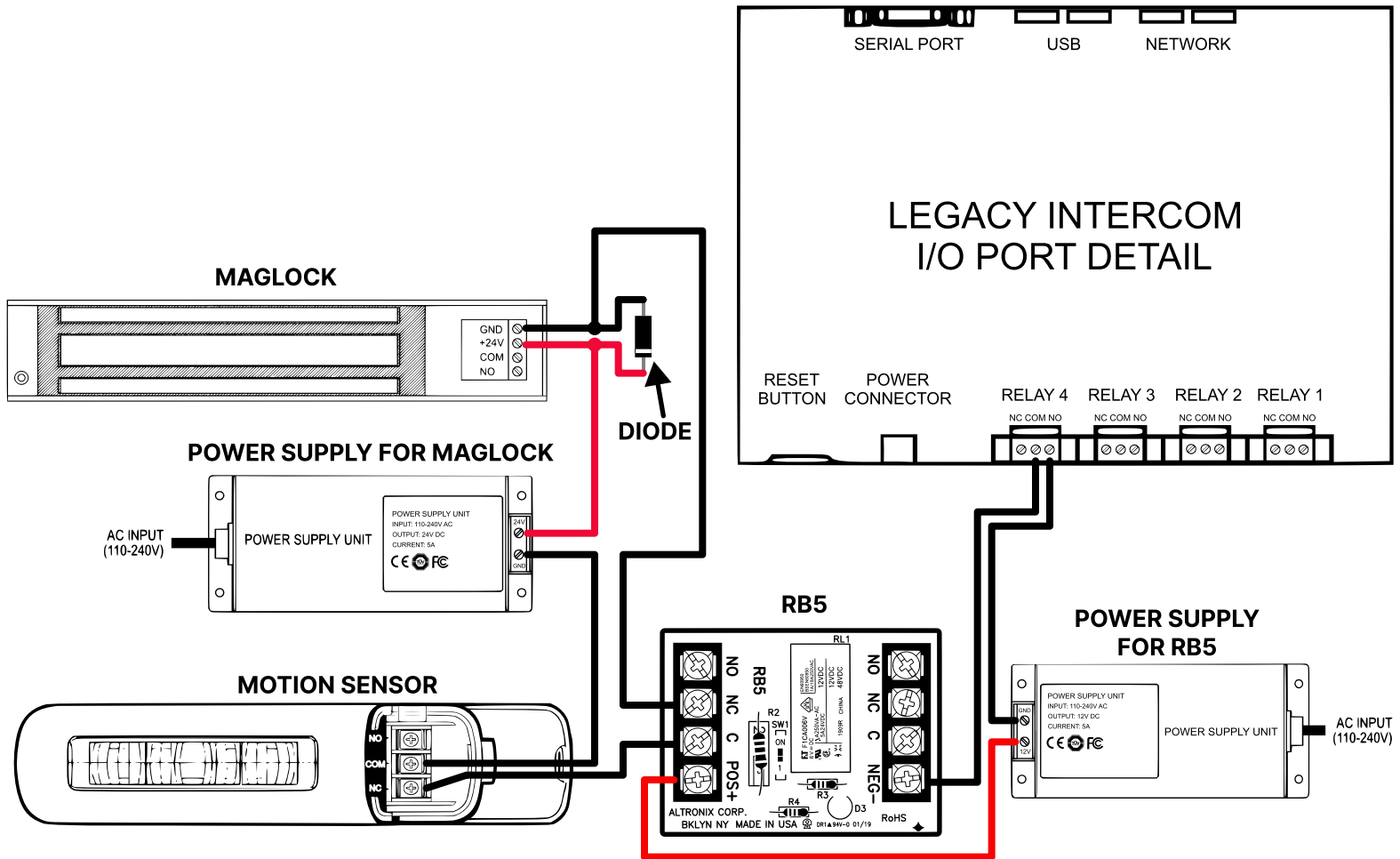
ButterflyMX supplies one 1N400X Series diode per Intercom.

*Alternative request-to-exit devices (e.g., motion sensor) can replace the Push to Exit button. They must be connected to C/NC. Any exit device must have a built-in timer.

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With Motion Sensor + Maglock

 Images are not to scale.



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white = negative, red = positive.

Diode should be installed as close to the maglock as possible. The connection is parallel.

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*Alternative request-to-exit devices (e.g., motion sensor) can replace the Push to Exit button. They must be connected to C/NC. Any exit device must have a built-in timer.