

Intercom Wiring Guides

Common Configurations

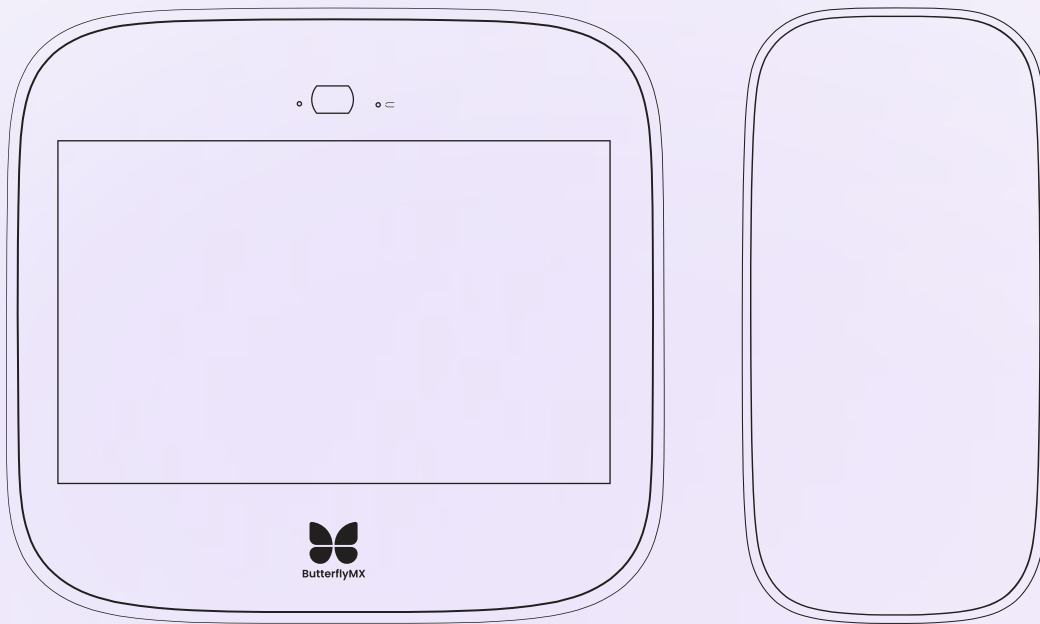
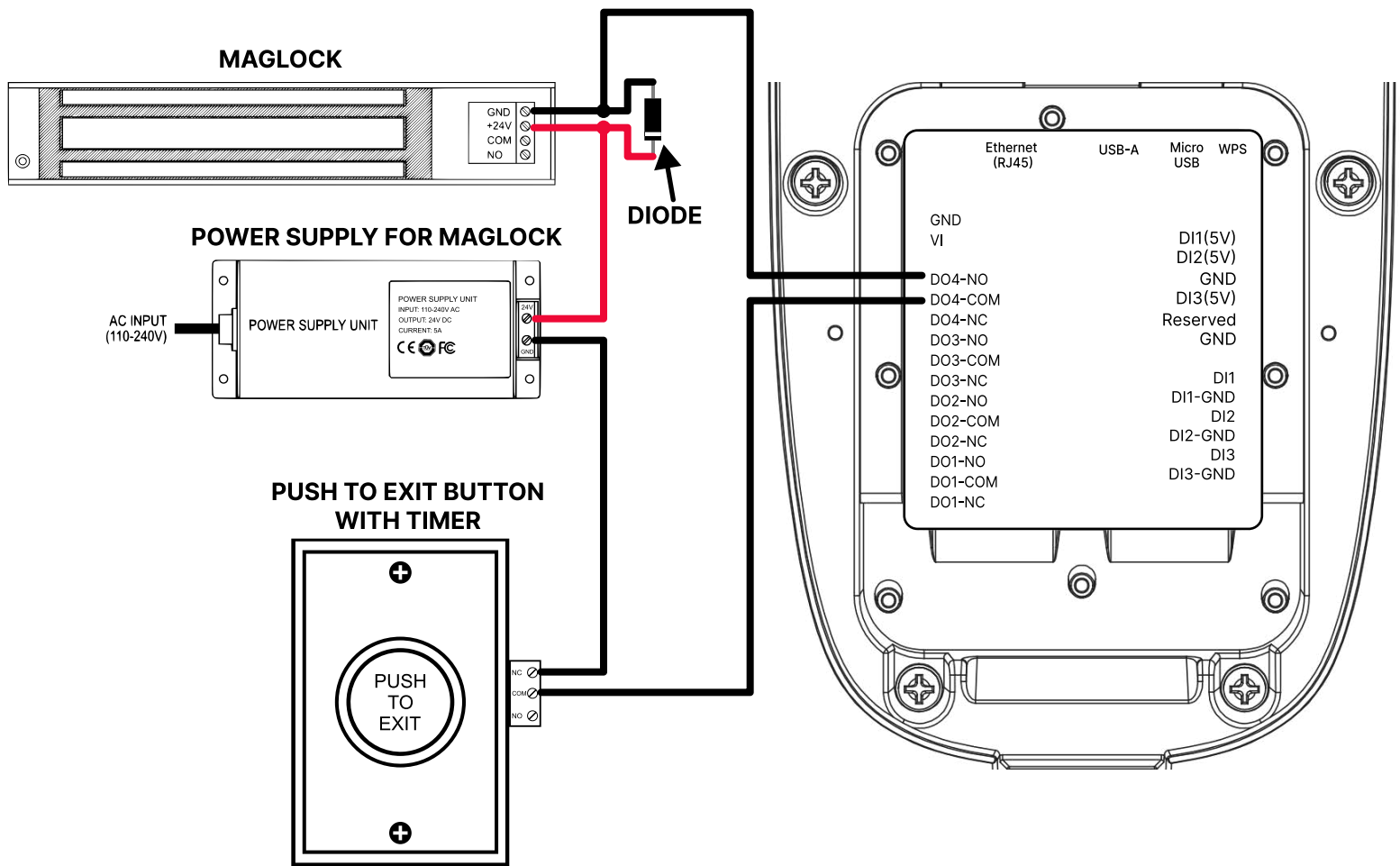


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These are examples of some of the most common configurations, not a limit of what is possible.

- 02** Maglock + Push-to-Exit
 Maglock + Motion Sensor
 Maglock + Motion Sensor + Postal Lock

- 05** Door Strike (AC-powered)
 Door Strike (DC-powered)
 Door Strike + Postal Lock (DC-powered)



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.

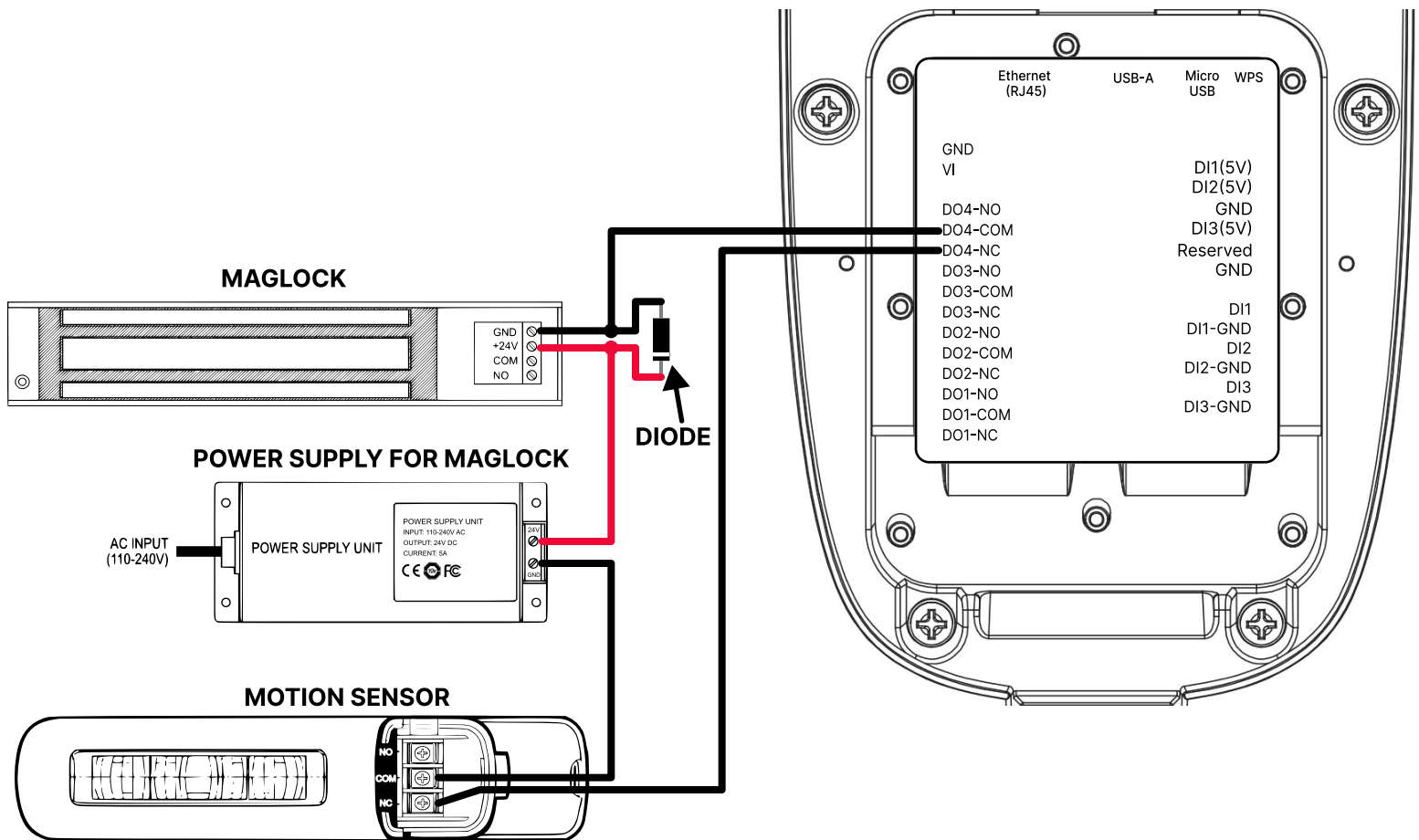
ButterflyMX supplies one 1N400X Series diode per Intercom.

*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 Maglock + Motion Sensor

 Images are not to scale.



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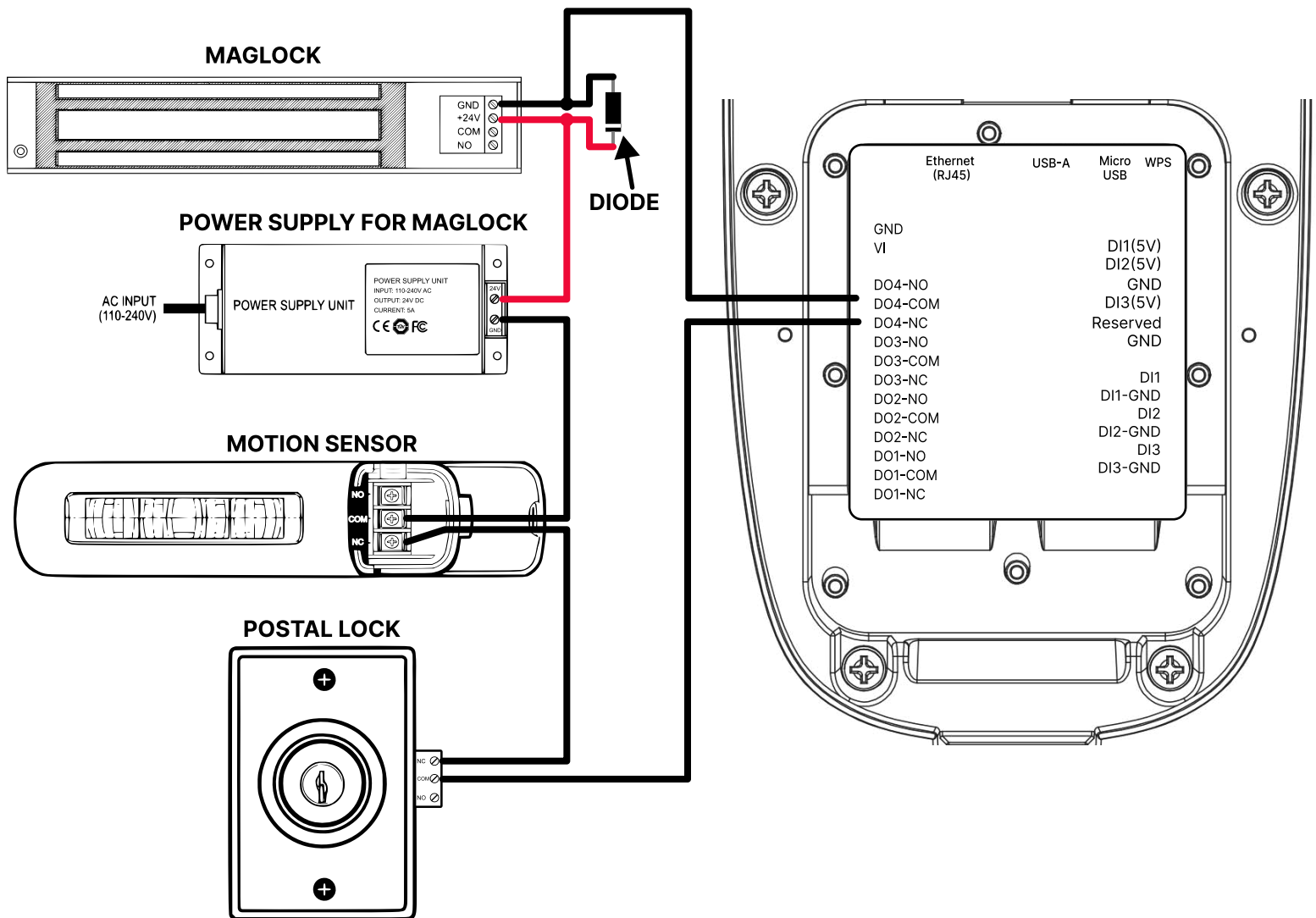
ButterflyMX supplies one 1N400X Series diode per Intercom.

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

Intercom

With Maglock + Motion Sensor + Postal Lock

 Images are not to scale.



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

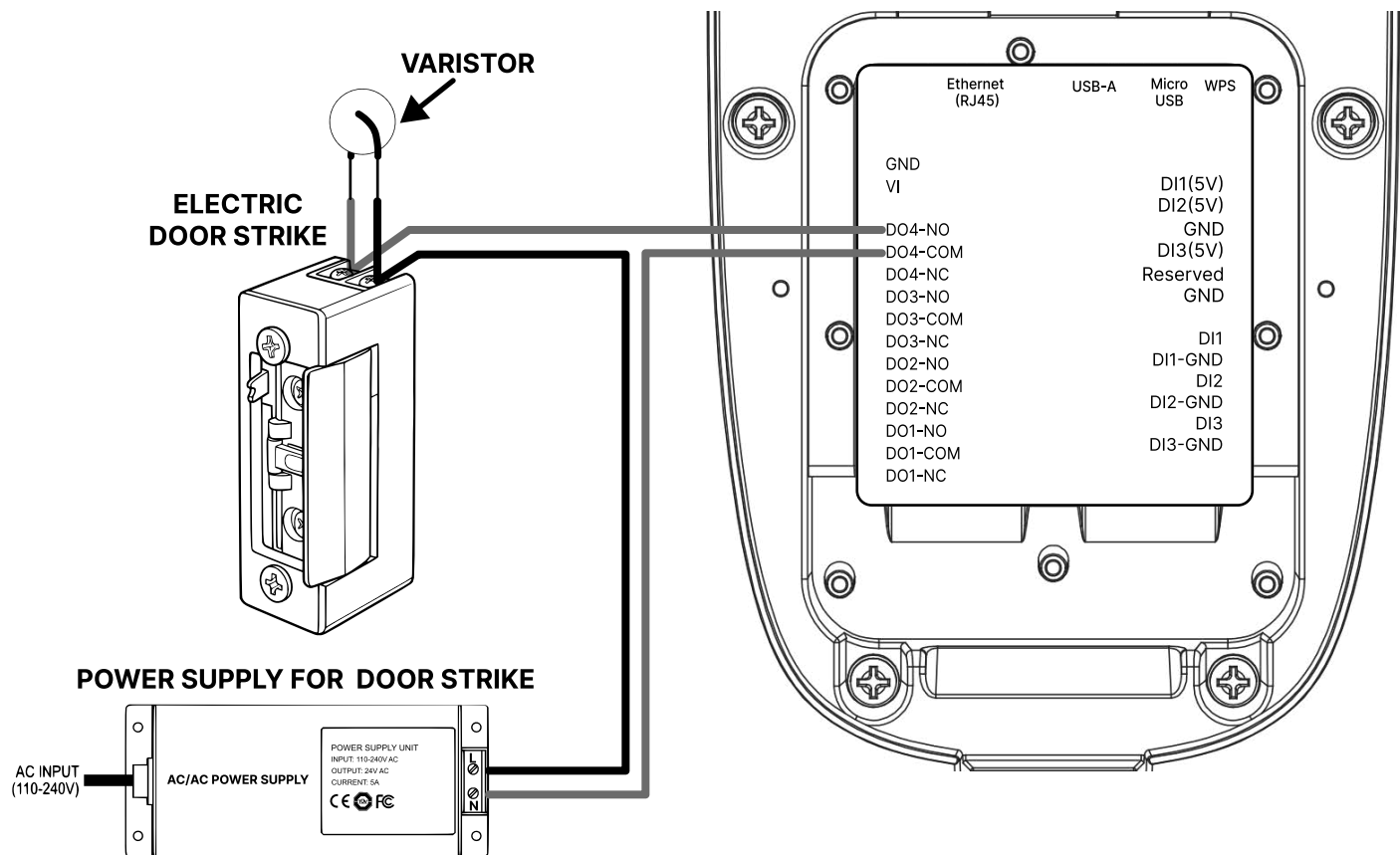
Diode should be installed as close to the maglock as possible. The connection is parallel.

ButterflyMX supplies one 1N400X Series diode per Intercom.

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

*Request-to-exit device installed inside and a postal lock installed outside the building.

With Door Strike (AC-powered)



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

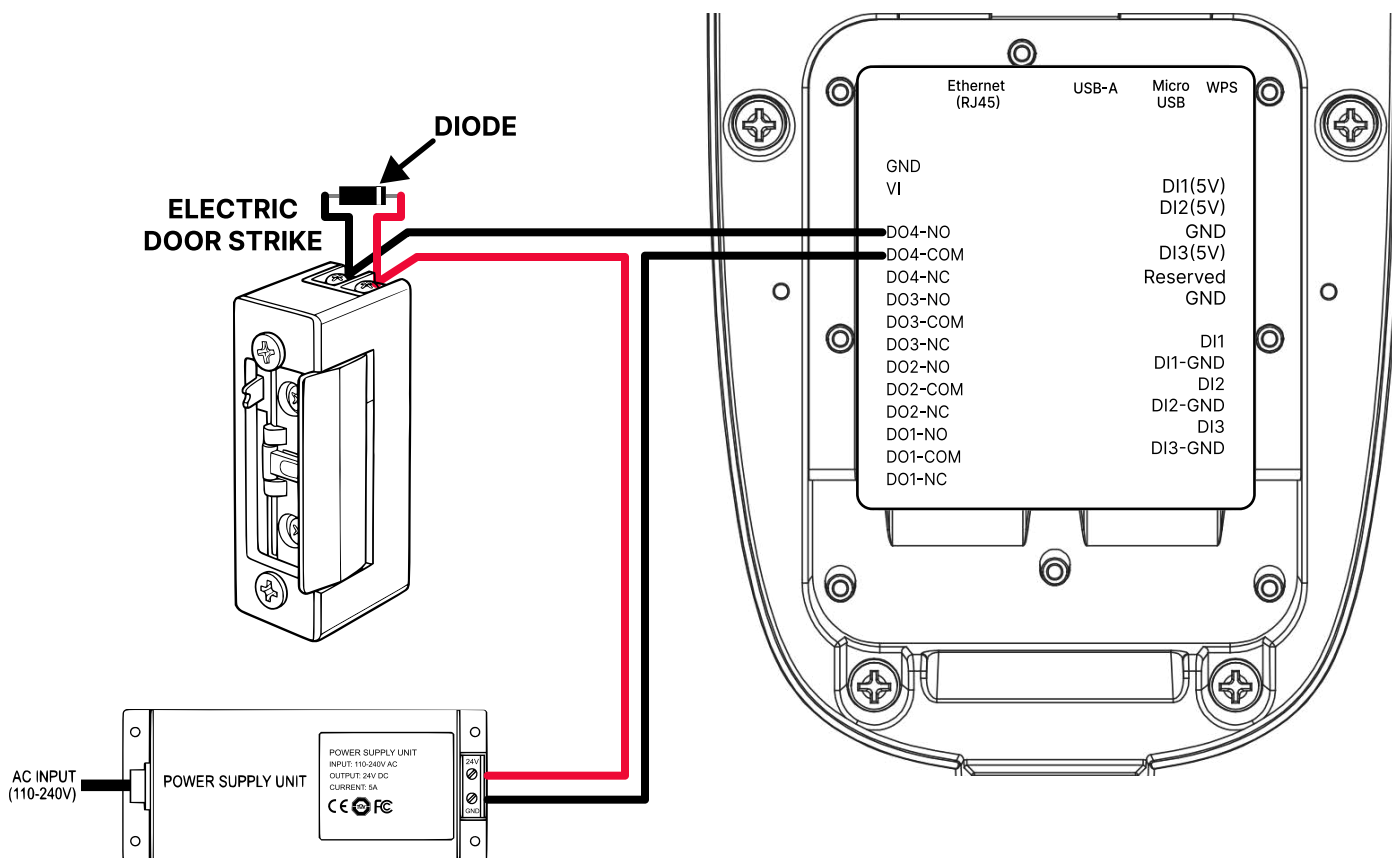
ButterflyMX supplies one MOV AdvancedD series leaded varistor per Intercom.

Varistors are not polarized components.

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.

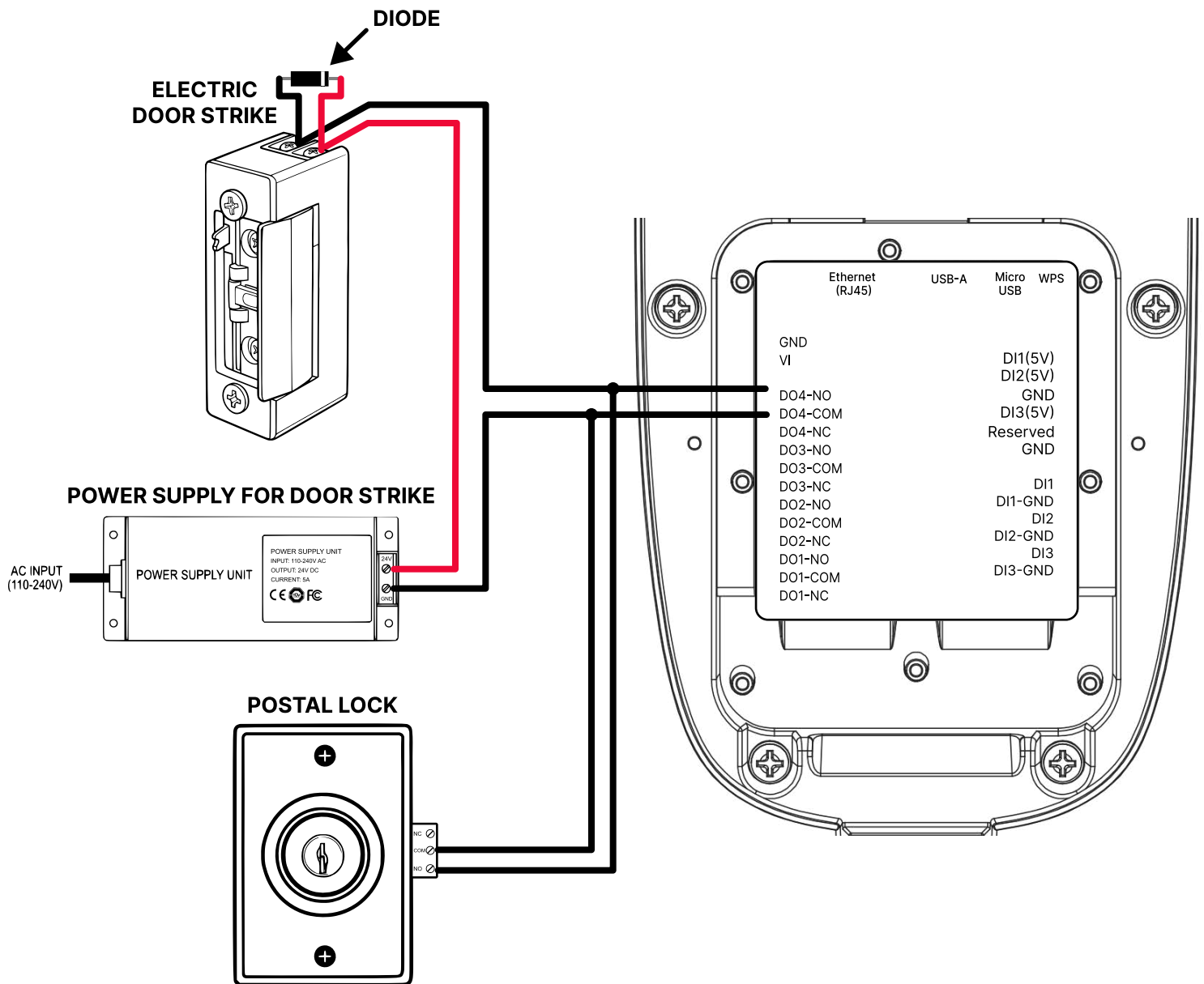
Diode should be installed as close to the door strike as possible. The connection is parallel.

ButterflyMX supplies one 1N400X Series diode per Intercom.

Intercom

 Images are not to scale.

With Door Strike (DC-powered) + Postal Lock



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

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

ButterflyMX supplies one 1N400X Series diode per Intercom.

Postal lock is connected in parallel with Intercom.