ButterflyMX

Next-Generation Intercom Wiring Guide

DC-Powered Maglock to Intercom

⚠️ Images are not to scale.

C/NC*

PUSH
TO
EXIT

Ethernet (RJ45)   USB-A   Micro USB   WPS

GND
VI   DI1(5V)
                                        DI2(5V)
DO4-NO   GND
DO4-COM   DI3(5V)
DO4-NC   Reserved
DO3-NO   GND
DO3-COM
DO3-NC   DI1
DO2-NO   DI1-GND
DO2-COM   DI2
DO2-NC   DI2-GND
DO1-NO   DI3
DO1-COM   DI3-GND
DO1-NC

Power for
DC Maglock
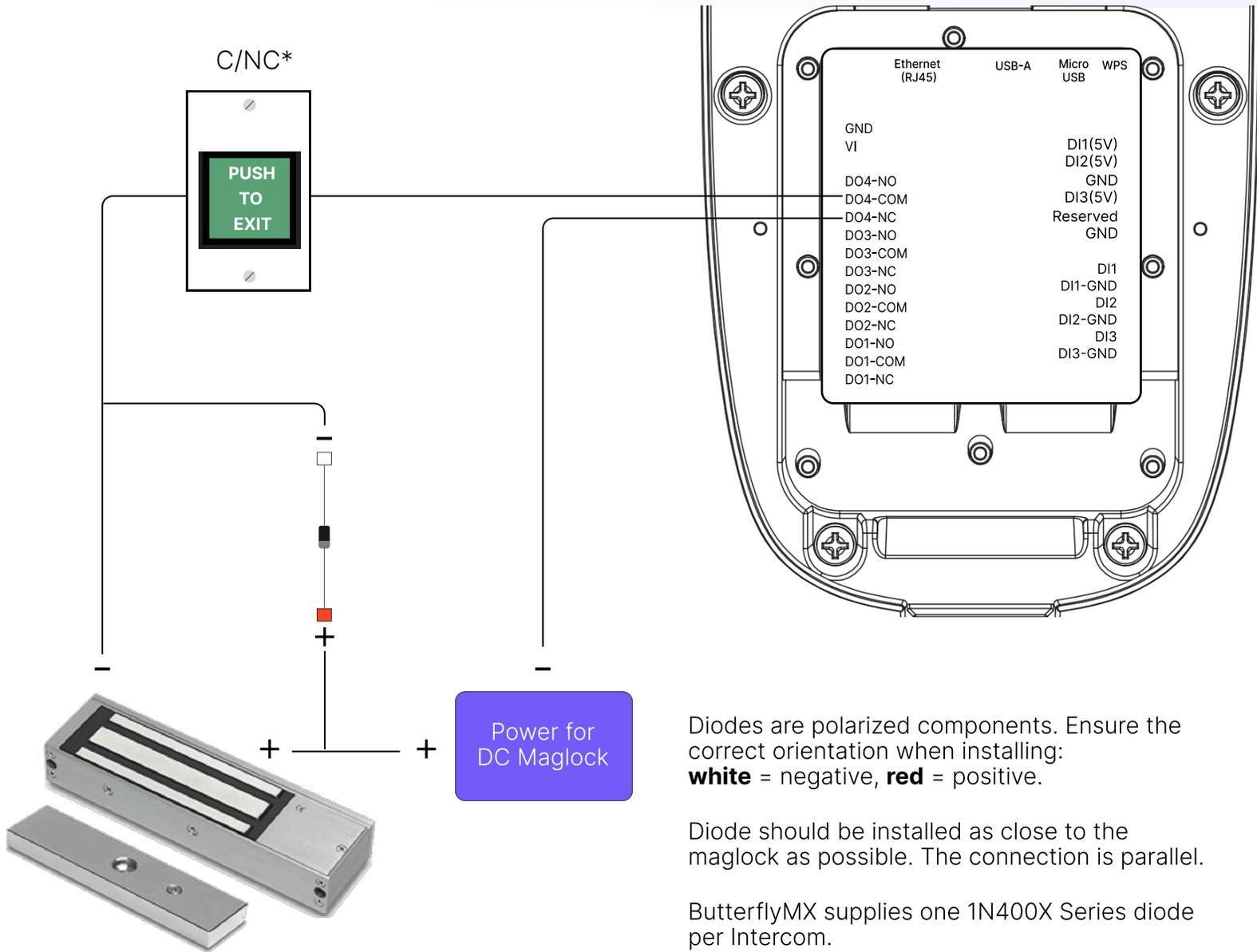
Diodes are polarized components. Ensure the correct orientation when installing:
white = negative, **red** = positive.

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.