Entegrity Smart® Door/Gate Controller Installation Guide

1. Before You Go On Site

a. Ensure that your Entegrity Smart Device is registered on an account and you have a smartkey to it on the VIZpin Smart app on your phone. If you need asistance please email Support@VIZpin.com.

b. Figure out what voltage your electronic locking device (i.e. electric strike or mag lock) needs to activate. We strongly recommend using a 12VDC device. That will simplify wiring, avoid mistakes and allow you to back it up with a battery. If it is not a 12VDC device, the Door/Gate Controller can only be wired to work with a 12VAC, 24VDC or 24VAC device. If it is something different you will need to add a separate relay. Please contact Support@VIZpin.com.

c. Have a power supply (PS) that is the right voltage (12VDC) and is capable of powering the locking device and the Door/Gate Controller. For example, the Entegrity Smart Door/Gate Controller is 12VDC and requires 20mA. If your locking device is 12VDC and requires 500mA, you need a 12VDC PS that is rated for at least 520mA. Any PS rated for 1A (1,000mA) or higher will work.

Lock	500 mA
Door/Gate Controller	+ 20 mA
Total Power Needed	520 mA
PS Rating	1,000 mA (1A)
Total Power Needed	-520 mA
Extra Power	480 mA

d. Confirm your locking device is activated when power is applied (i.e. doorstrike – normally open relay) or when power is removed (i.e. maglock – normally closed relay).

e. In your Account portal, edit the Smart Device settings and select the appropriate relay setting.

f. Connect 12VDC to the Door/Gate Controller and make sure the LED is gently pulsing red.

g. In the VIZpin Smart app, tap "Open" on your smartkey to trigger the Smart Device. The LED may turn purple. If it does, refresh the VIZpin Smart app and use the smartkey again. Repeat this until the LED turns green.
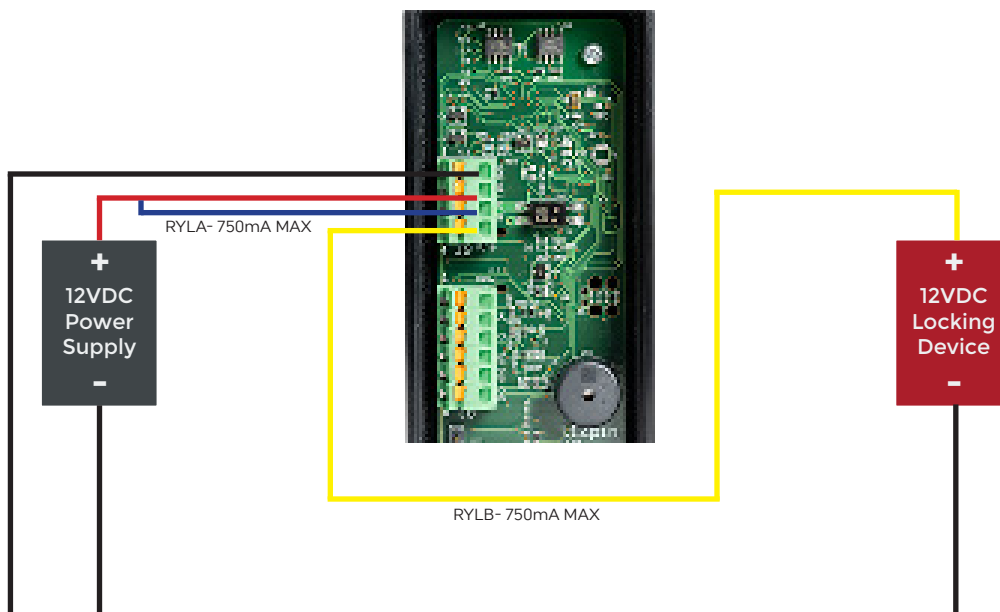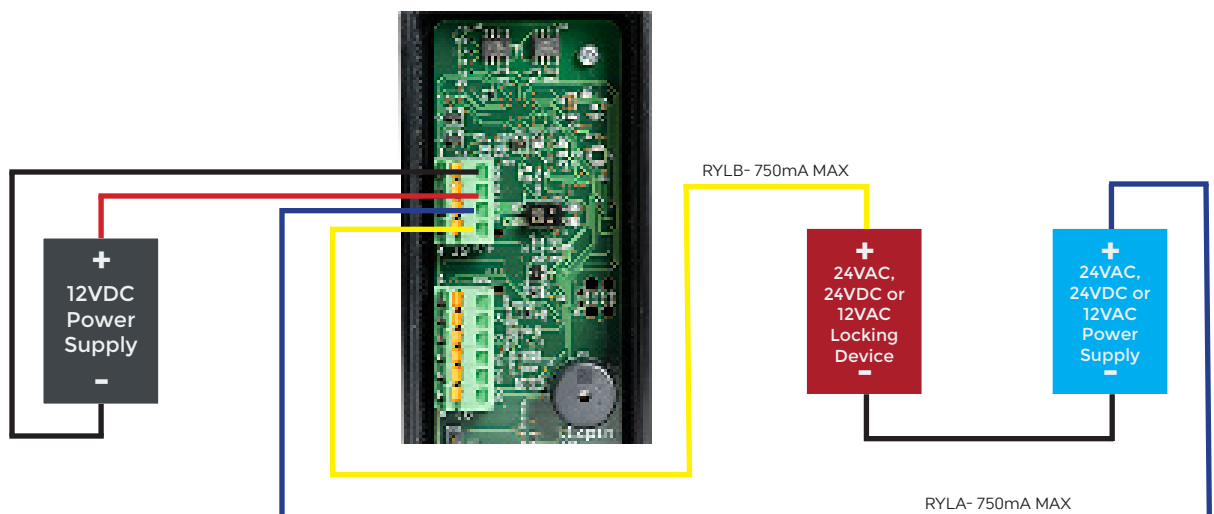
2. Once On Site

a. Connect the positive (+) wire of the locking device to the Door/Gate Controller RLYB (J9 block, port 4).

b. Connect the negative (-) wire of the locking device to the negative (-) of the PS.

c. Connect the Door/Gate Controller RLYA (J9 block, port 3) to the positive (+) side of locking device's PS.

d. Connect the Door/Gate Controller 12V (J9 block, port 2) to positive (+) on your +12VDC PS.

e. Connect the Door/Gate Controller GND (J9 block, port 1) to negative (-) on your +12VDC PS.

*NOTE: Both RYLA and RYLB wires have a maximum amperage draw of 750mA.

Wiring for a 12VDC Locking Device

Wiring for a 24VAC, 24VDC or 12VAC Locking Device