Installation Guide

C2-260 Package

Version: 1.0

Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

1 Cautions

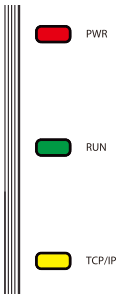
⚠ **Please note the following cautions. Mis-operation may lead to personal injury or equipment failure:**

1. Do not energize the system before installation is complete; never carry out installation activities when the system is energized.
2. All peripheral devices must be grounded.
3. The conduits of wires under relay must be matched with metaled conduits, other wires can use PVC conduits.
4. It is strongly recommended that the length of exposed part of any connection cable should not be longer than 4 mm. Professional clamping tools may be used to avoid unintentional contact of exposed wires to avoid short-circuit or communication failure.
5. It is recommended that card readers and buttons be installed at height of 1.4m-1.5m above ground.
6. It is recommended to use the power supply for control panel, and external power supply for each lock.
7. The appliance shall be installed and wired in accordance with national electrical code and by qualified personnel only.

Description of normal working state:
Connect the system to the power supply. If the system works properly, the POWER indicator (red) is lit constantly.

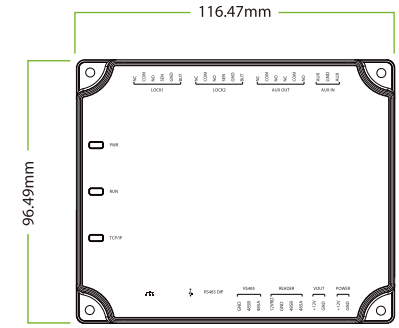
2 Control Panel Indicators

When the C2-260 is powered on, normally the **POWER** indicator (red) is lit constantly, the **RUN** indicator (green) shall flash slowly (indicating the system is normal), and other indicators are all off.
COMM indicator (yellow): It flashes when the system is communicating with other devices (e.g., PC). When the indicator is flashing continuously, it indicates data transmission. When the indicator is flashing slowly, it indicates real-time monitoring status.

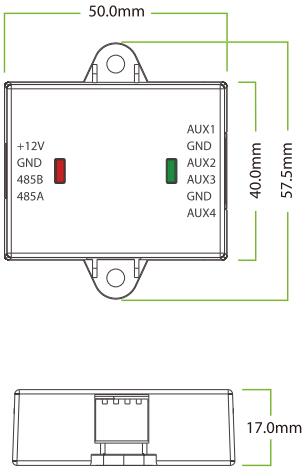


3 Product Dimension

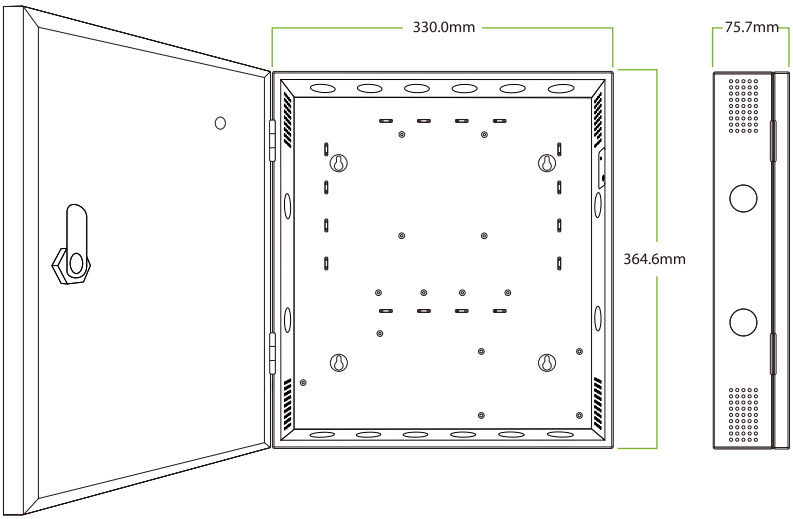
C2-260



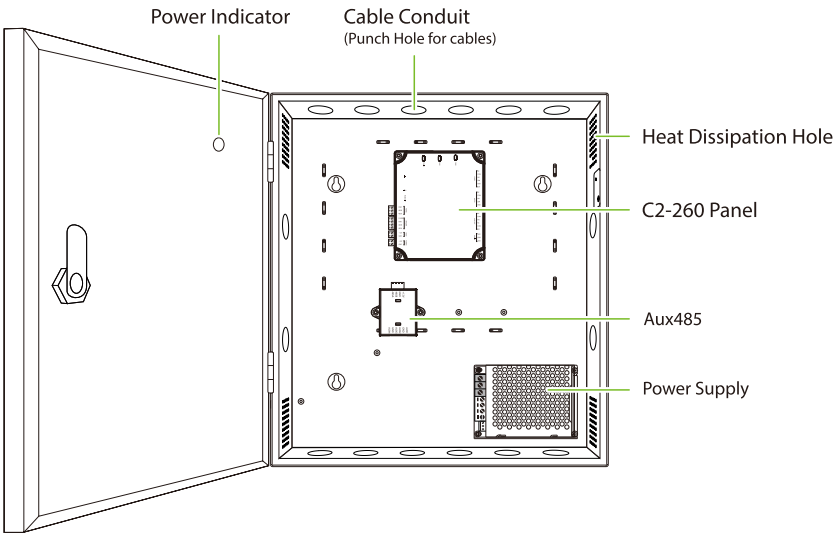
Aux485/WR485

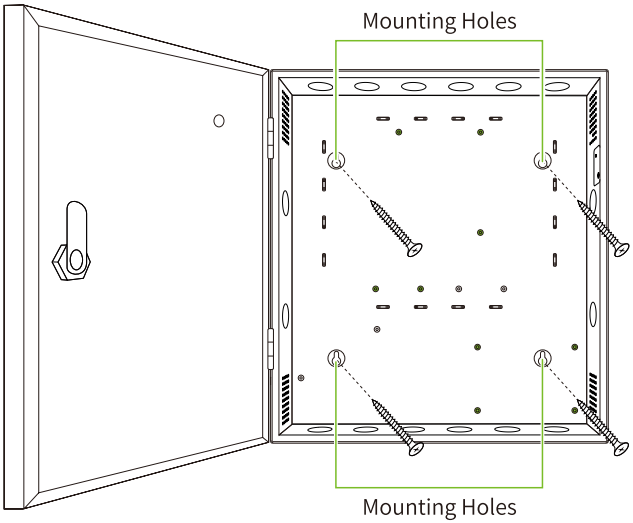


C2-260 Package



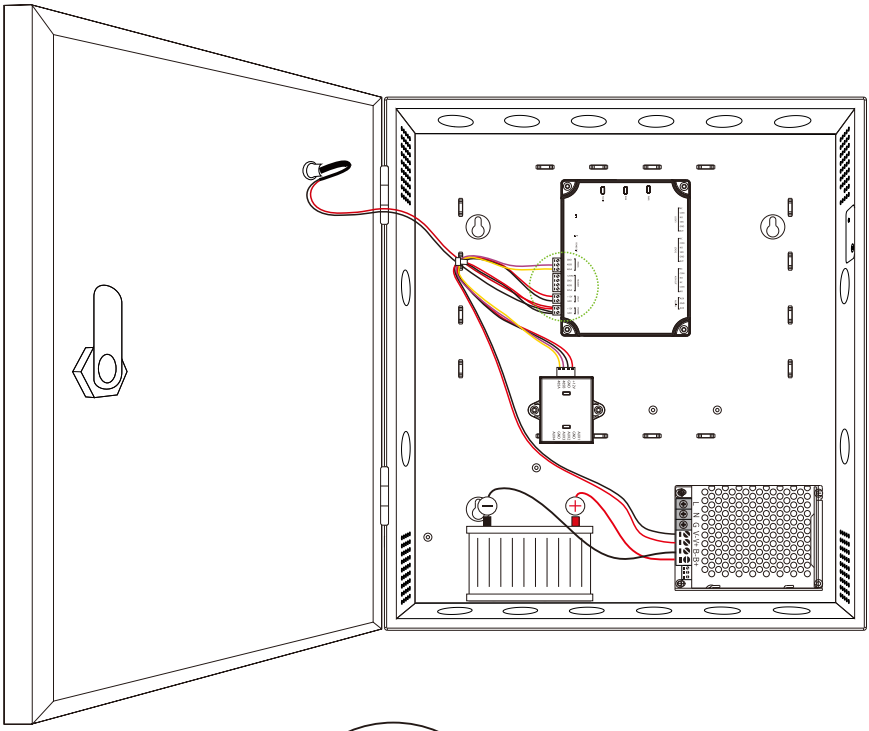
4 Installation of Panel & Cabinet

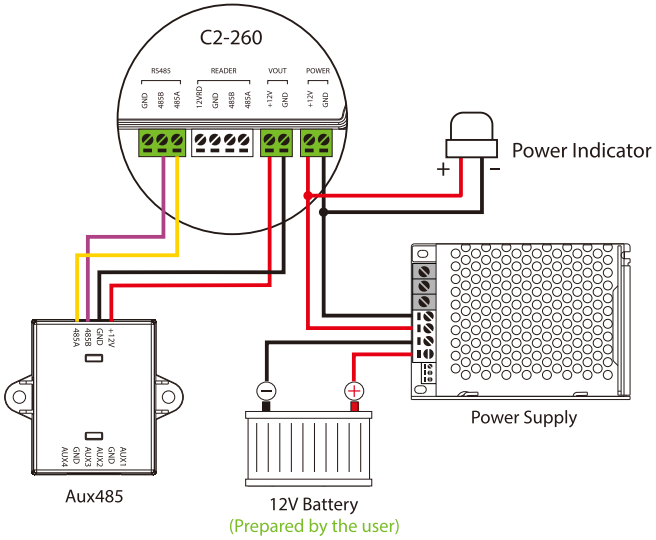




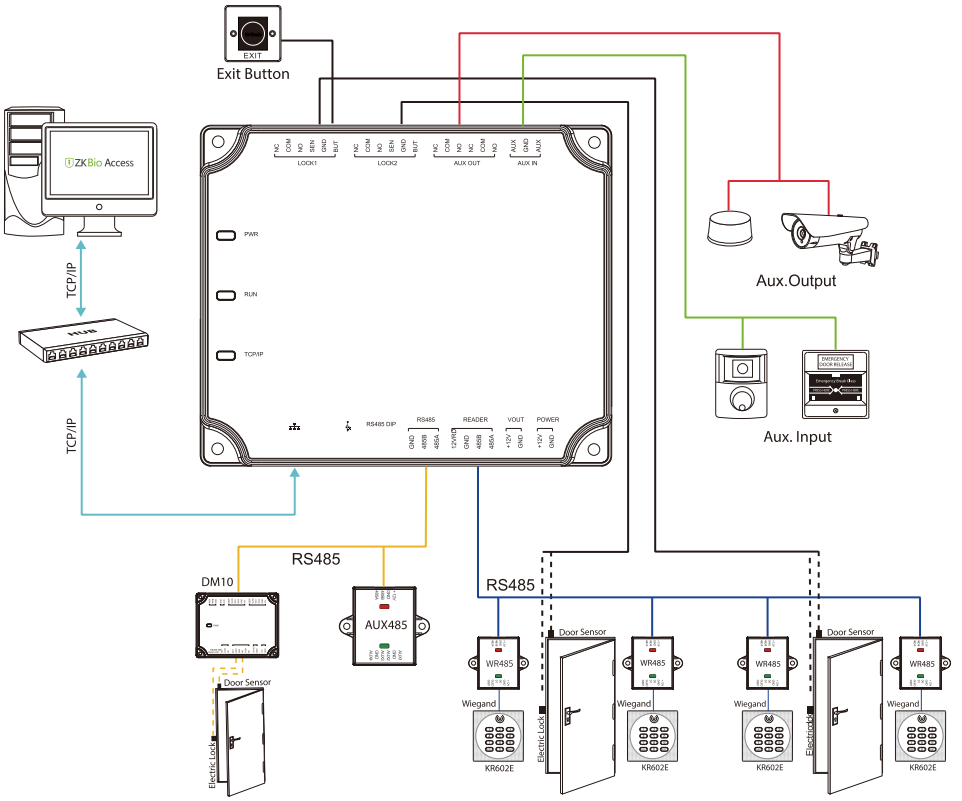
We recommend drilling the mounting plate screws into solid wood (i.e. stud/beam).

5 Internal Wiring Diagram





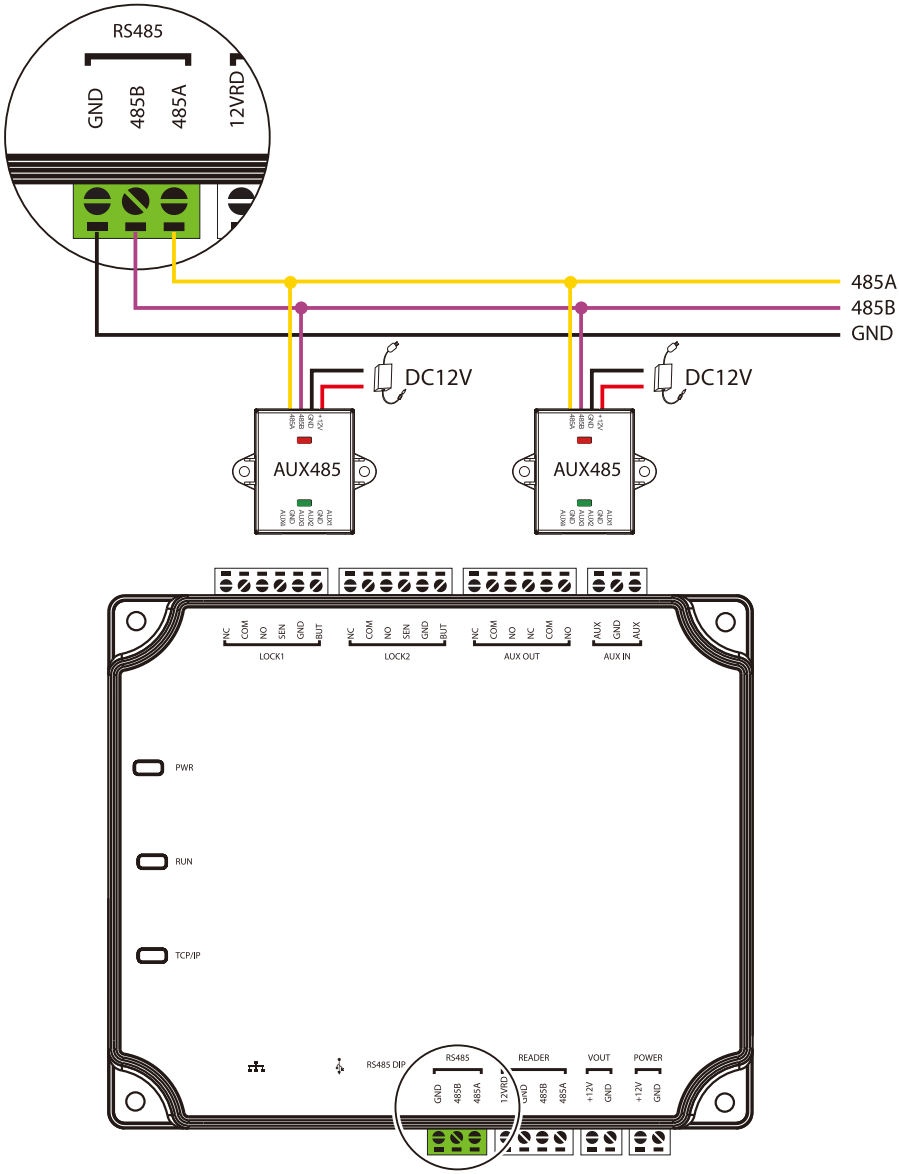
6 Wiring Legend



Notes:

1. The auxiliary input may connect to infrared body detectors, fire alarms, or smoke detectors.
2. The auxiliary output may connect to alarms, cameras or doorbells, etc.
3. PC RS485 indicates the RS485 cable is connected to the DM10/AUX485 through this port. The RS485 Reader port can be connected externally to RS485 reader.
4. **Restore factory setting:** The NO.4 of DIP switch is OFF by default. When it is moved up and down for three times within 5 seconds and finally returned to OFF position, the factory settings will be restored after the access control panel is restarted, and the IP address will restore to the default (192.168.1.201).
5. The terminals above are set through the relevant access control software. Please see the respective software manual for further details.

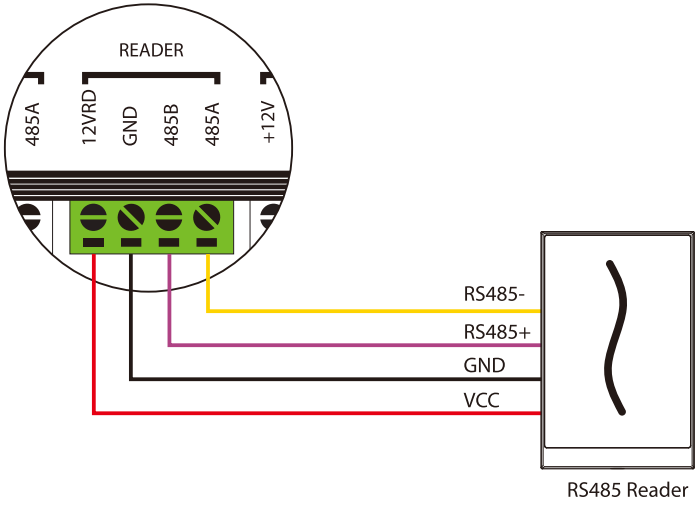
7 AUX485 Connection

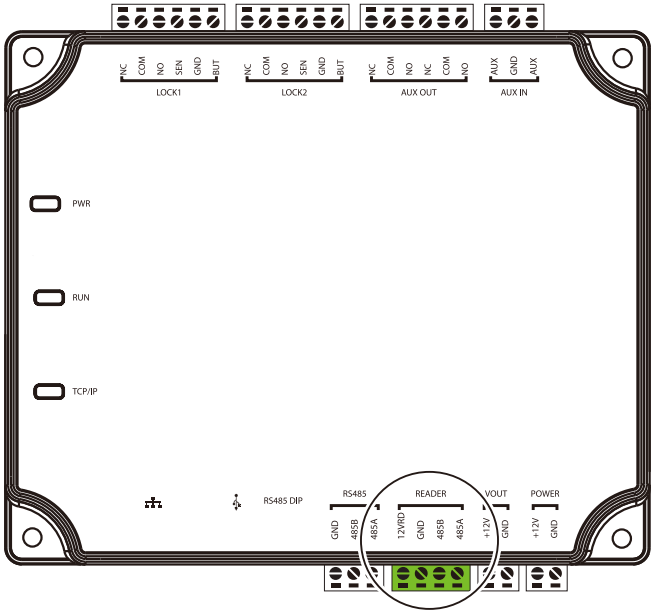


Notes:

1. A C2-260 can connect to maximum two AUX485 modules.
2. Each AUX485 module can connect to maximum four auxiliary devices.
3. Each AUX485 module requires a separate power supply.

8 RS485 Reader Connection

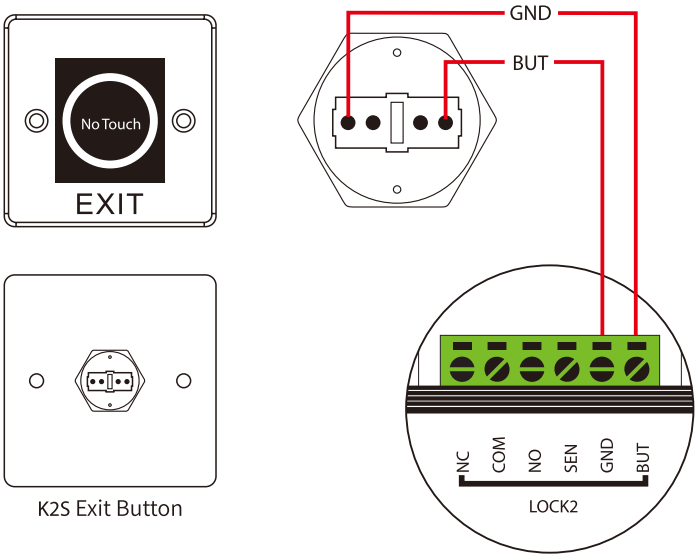




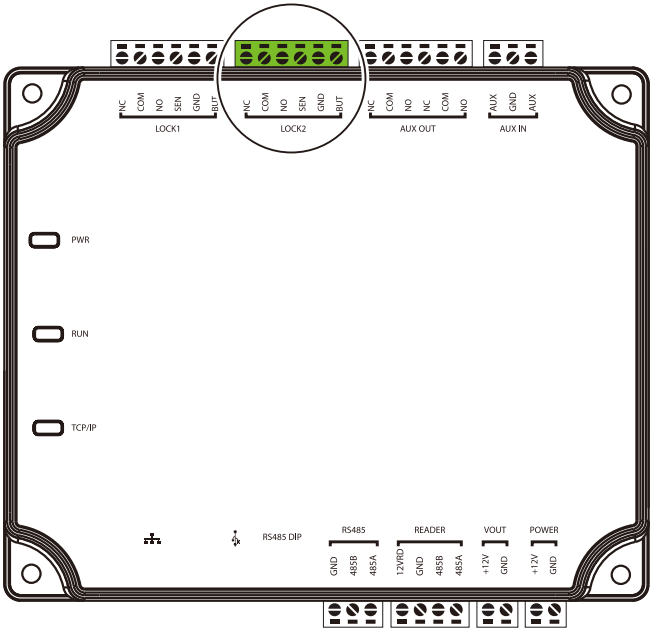
Note:

1. It's recommended to connect maximum four readers to one C2-260.
2. A single RS485 reader interface can supply a maximum of 750 mA (12V) current. So the entire current consumption should be less than this max value when the readers share the power with the panel.

9 Exit Button Connection



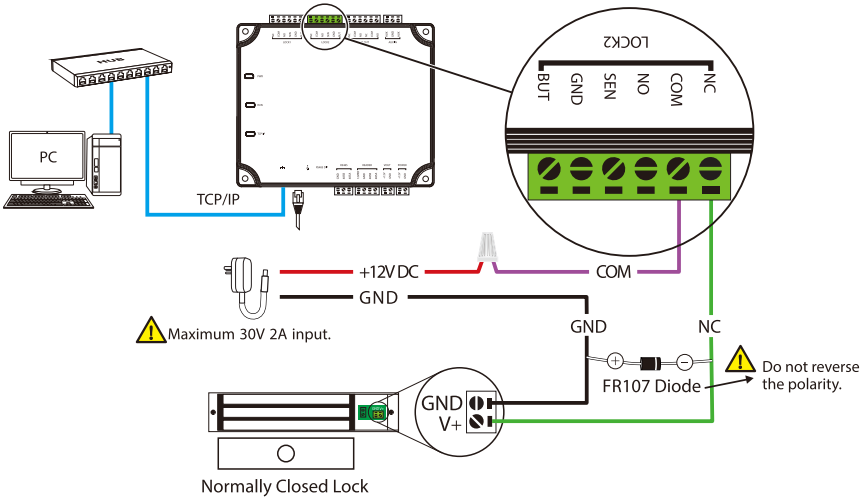
K2S Exit Button



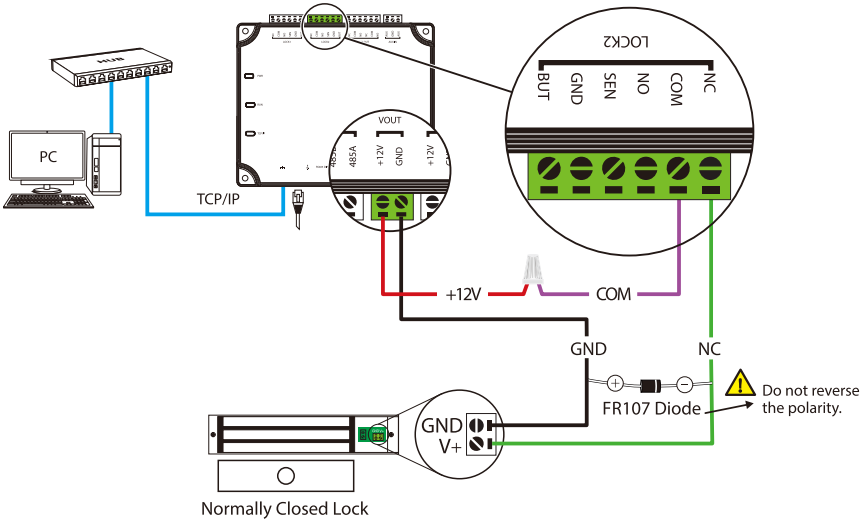
10 Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (Normally Opened when powered) is connected with '**NO**' and '**COM**' terminals, and the **NC Lock** (Normally Closed when powered) is connected with '**NC**' and '**COM**' terminals. The power can be shared with the lock or can be used separately for the lock, as shown in the example with NC Lock below.

❖ Device not sharing power with the lock



❖ Device sharing power with the lock



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