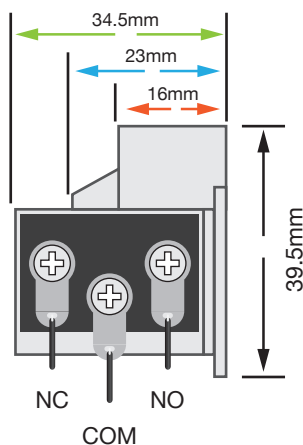




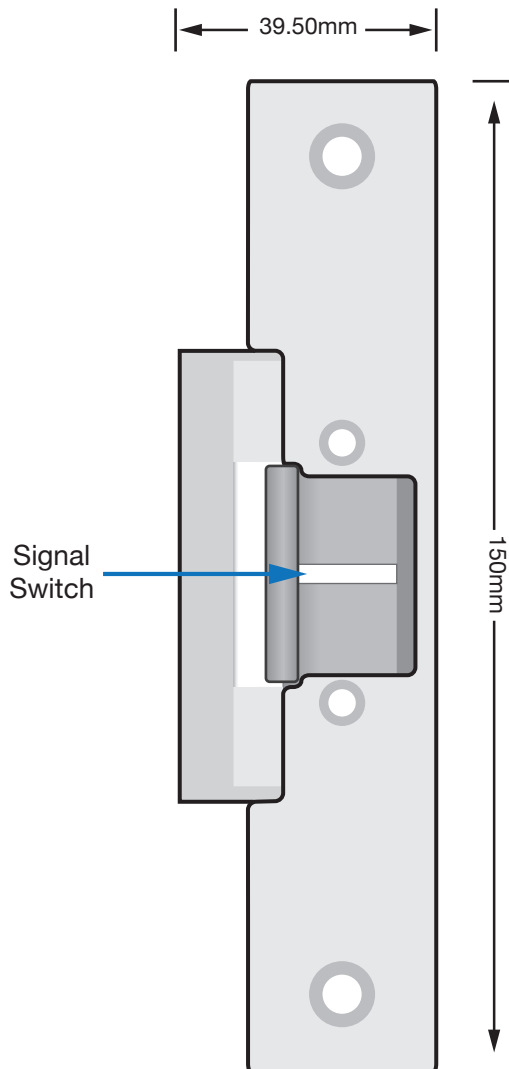
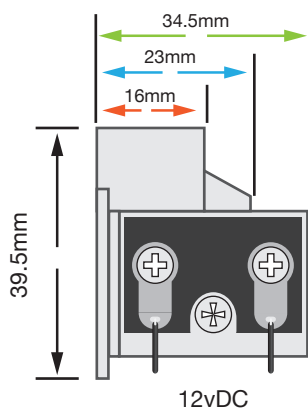
DX Series Standard(Fail Safe) Door Strike with Signal Output

Model: ACDS-DX1500SA

- **COM:** This terminal is the signal input.
- **NO:** This wire will provide signal out when the door Opens.
- **NC:** This wire will provide signal when the door Closes.



- **(+/-) 12vDC:** These 2 Terminals are Non-Polar so you can connect + or - to either terminal.



Connecting to DX AC Board

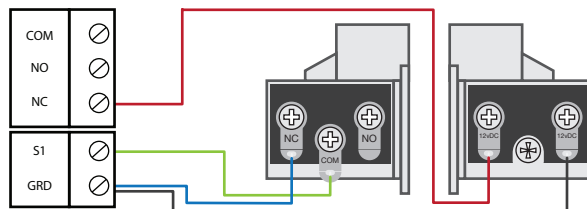
To connect this Strike to the DX Access Control board please connect the following wires to the corresponding ports.

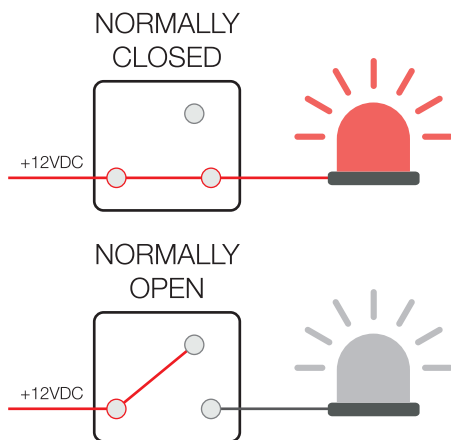
Connect a wire from 1 of the 12vDC terminals to the GRD Port.

Connect a wire from the other 12vDC terminal to the NC Port.

Connect a wire from the COM terminal to the S1 Port.

Connect a wire from the NC terminal to the GRD Port.





What is open and closed? Before we get too far we need to explain what is “open” and “closed”. With electricity “closed” means the circuit is connected and electricity is flowing. “Open” means the opposite. The electrical current is open and no electricity is flowing.

Normally? The idea that something is “normal” means that it is a constant unless a force changes it. Relays will need to be energized and switches such as Door contacts need to be disconnected.

Normally Closed - This is when there is a constant current of electricity in its normal state. Energizing or changing the state will open the contact and disrupt the current.

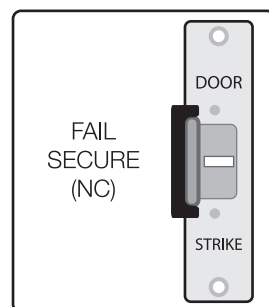
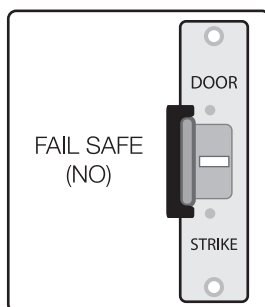
Normally Open - This is when there is no current of electricity in its normal state. Energizing or changing the state will close the contact and allow the current to flow.

Do not over think the concept. It is as easy as it sounds.

Fail Safe? These products are designed to unlock when power is lost. This ensures that if there is a problem you can quickly exit. Since this is Normally Open device you will want to provide power on order for it to be locked.

Fail Secure? These products are designed to stay locked when power is lost. This ensures your door will stay locked even in the event of a power loss. This might seem like the best option but you have to remember that if it stay locked everyone inside is also locked in. Please make sure to have an internal mechanical exit function to overcome this. Since this is Normally Closed device you will only provide power when needed to unlock.

Door Strike - These locks are located in the door frame and hold a door back when the strike is inserted. They also come in two forms, one being Fail Safe (NO) and the other Fail Secure (NC). Fail safe works like explained is a Normally Open device will release the door when power is lost. Fail Secure is a Normally Closed device and keeps the door locked until power is received.

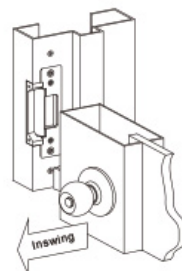


Specs

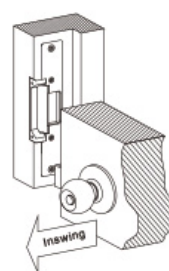
Operating Voltage	12vDC
Bolt structure	Zinc alloy
Holding Strength	1100LBs
Feature	Fail Secure
Suitable For	Wooden Door,- Metal Door,PVC Door
Weight	0.4kg

Installation Diagram

Hollow Metal Frames



Wooden Frames



Suitable for Wooden & Aluminum & Glass
& Fireproof & Metal door.