

Stainless steel emergency key switch

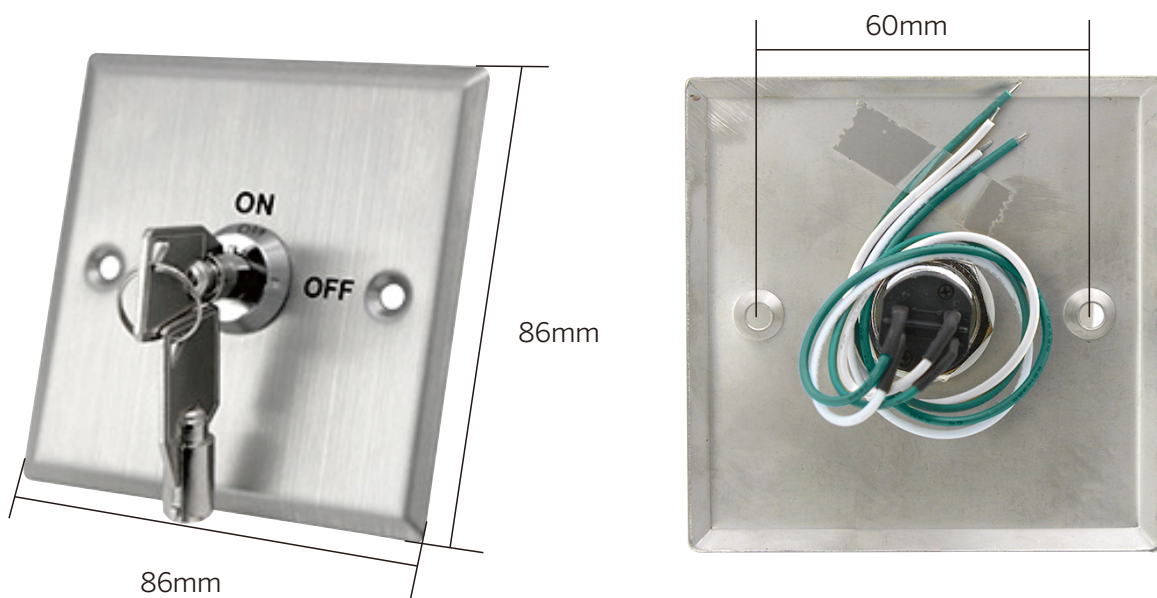


S86k

Specifications

Product size	86x86mm
Panel material	Stainless steel
Matching buttons	Round hole key
Signal output	NO/NC/COM (single-pole)
Product weight	0.14kg

Dimensions



How is this used for the Emergency Door Release Button?

A "DC 12V Key Switch Lock On/Off Exit Door Lock Emergency Door Release With 2 Keys" is a type of door lock device mainly used for controlling the opening and closing of doors, especially in emergency situations.

Here is a detailed introduction:

Product Description

DC 12V Power Supply: This indicates that the lock operates on a direct current voltage of 12 volts. It usually needs to be connected to a suitable 12V power source, which could be a power adapter or a battery backup system in some cases.

Key Switch Lock On/Off: It is equipped with a key switch, which means that users can use the provided keys to turn the lock on or off. This provides a convenient and secure way to control access to the door. When the lock is "on", the door is locked and cannot be opened without the appropriate key or other authorized means. When it's "off", the door can be opened freely.

Exit Door Lock: This lock is typically designed for use on exit doors. It ensures that in normal circumstances, the door can be locked to prevent unauthorized entry, but can also be easily opened from the inside for safe evacuation.

Emergency Door Release: This is an important feature. In case of an emergency such as a fire or other critical situations, the lock can be released quickly to allow people to escape through the emergency door immediately. This might be achieved through a specific mechanism that can be activated by using the key, or in some cases, through an emergency release button or connection to a building's emergency evacuation system.

With 2 Keys: Two keys are provided with the lock, which allows for multiple users or for backup in case one key is lost.

Usage Methods

Normal Operation

Locking the Door: Insert one of the keys into the keyhole of the lock and turn it to the "lock" position.

This engages the locking mechanism and secures the door, preventing it from being opened from the outside without the key.

Unlocking the Door: To open the door from the outside, insert the key and turn it to the "unlock" position.

From the inside, depending on the design of the lock, it may be possible to simply turn a knob or push a button to disengage the lock and open the door.

Emergency Operation

Using the Key: In an emergency, if the door is locked and people need to exit urgently, use the key to turn the lock to the "emergency release" position. This overrides the normal locking mechanism and allows the door to be opened immediately.

Alternative Release Methods: Some locks may also have an emergency release button on the inside or outside of the door. Pressing this button can trigger the emergency door release function without using the key.

In addition, in some buildings, the lock may be connected to a central emergency evacuation system. When the system is activated, it can automatically release all the emergency door locks to ensure a smooth evacuation.



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