

The Default Relay Operation for Sure Wave Devices with On-board Relays is Fail-Safe Mode.

This means when the device is powered up the relay will turn on so that when power is removed (power failure) the relay will turn off unlocking the door to provide free egress.

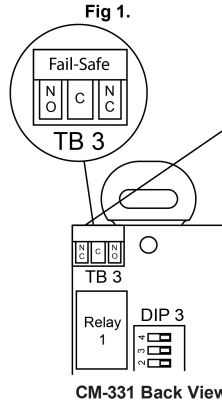
When wiring fail-safe devices like a maglock it will need a normally closed connection. When the Sure Wave device is in the default mode of fail-safe and powered up you will wire your maglock power through normally open pole which is now a closed connection and will go to an open when power is removed.

Troubleshooting Tip:

If your device being switched by a Sure Wave detector works in reverse (unlocked when should be locked or seems to have a delay before activation) your device is in the fail-safe mode and the opposite pole should be used.

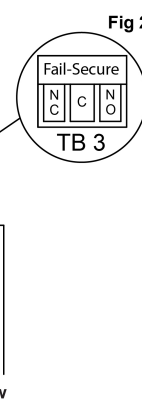
Default Mode is Fail-Safe
(Door unlocks on a power loss)
Relay poles are as shown below at rest when powered up

For Fail-Safe operation
SW1, switch #3 must be off



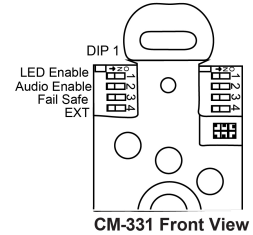
Fail-Secure
(Door remains locked on a power loss)
Relay poles are as shown below

For Fail-Secure operation
SW1, switch #3 must be on



DIP Switch Bank 1
Switch 3 = Fail Safe / Secured
Default = Switch 3 is OFF (Fail-Safe)

Note:
When Switch 3 is OFF the poles are reversed. See Fig 1.
When Switch 3 is ON the poles are as seen in Fig. 2.
Recycle power after any switch changes.



Note: This option is applicable on the CM-331, CM-332, CM-333

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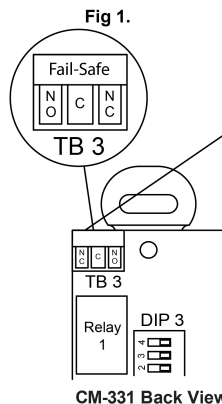
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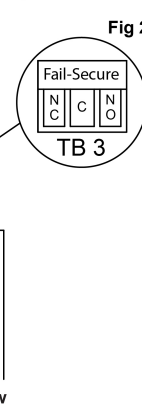
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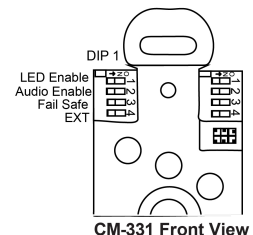
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