

**INTRODUCTION**

The Auxiliary Contacts Option Board has both normally-open and normally-closed contacts that actuate when the door is opening, closing and when the operator is powered down.

When the operator is powered up, the following contact outputs are available:

**DEFAULT OPERATION**

**While opening:** open 2 - 1 closed (OPEN or A' relay contacts)  
open 2 - 3 opened

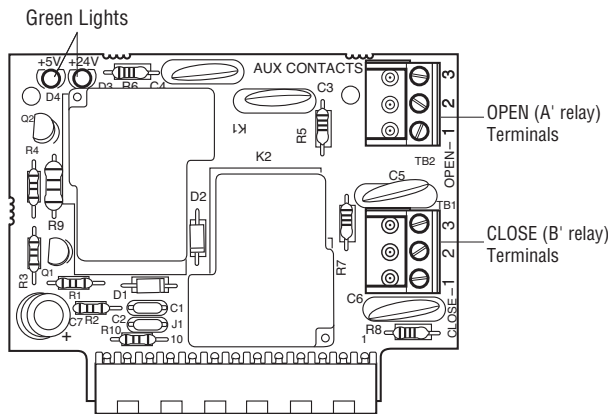
**While closing:** close 2 - 1 opened (CLOSE or B' relay contacts)  
close 2 - 3 closed

**Operator powered down:** open 2 - 1 opened  
open 2 - 3 closed  
close 2 - 1 closed  
close 2 - 3 opened

**Operator powered on and door not in motion:** open 2 - 1 opened  
open 2 - 3 closed  
close 2 - 1 closed  
close 2 - 3 opened

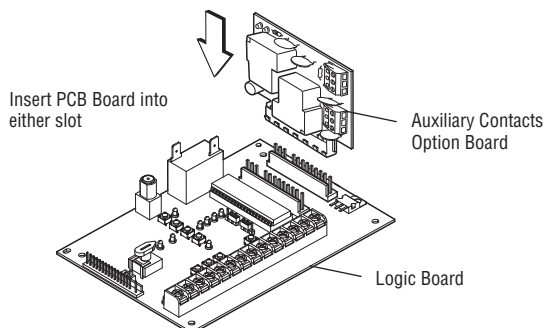
**N4 and N4X operators**  
**While opening or closing:** Open Terminals not available for Auxiliary use  
close 2 - 1 opened  
close 2 - 3 closed

**NOTE:** Power for devices controlled by the auxiliary contacts to be supplied from an external source.



**INSTALLATION**

Connect wires to terminals as needed. Use copper wire only #14 AWG maximum. Plug option board into either slot at the end of the logic board. Reconnect power to operator. The green light(s) on the option board will turn on if the board is seated properly and the power is on.



**⚠ WARNING**

To avoid SERIOUS personal INJURY or DEATH from electrocution:  
• Disconnect electrical power to operator BEFORE proceeding.

**CAUTION**

To avoid damage to relays:  
• DO NOT exceed maximum contact rating of 10A at 240 Vac.  
• NOT applicable for incandescent loads.  
• Conduit, wiring and connectors should be sized and installed per the national electrical code.

**PROGRAM**

**PROGRAM REMOTE CONTROL TO TURN ON/OFF AND AUXILIARY CONTACT**

Either of the auxiliary contacts on the card can be programmed to be turned on or off by use of a remote control. Either one or both contacts may be programmed independently. This can be used for controlling accessories such as a fan or light that is within the voltage and operating specifications of the relay contact. The user must release and reactivate the remote control to switch state again. The RADIO LED will remain on while a valid command is being received. This programmed feature will override the default operation.

**NOTE:** Remote control of relays not available for N4 or N4X logic operators.

**AUXILIARY RELAY A OR B PROGRAMMING PROCEDURE**

INPUT	RESULT	DISPLAY
Press and release the radio button.	Enter the RADIO function learning mode.	The radio LED will turn on solid.
Press and release the MRT button on the logic board to program relay A or press and release the MID SET button on the logic board to program relay B.	Enter AUX. relay (A) or (B) function learning mode. This depends on weather MRT or MID SET was pressed.	The radio LED flashes rapidly then remains on solid.
Press and release the remote control button to be programmed.	The remote control button will be programmed to the function.	The radio LED flashes rapidly and then turns off.
Press and release the radio button.	The learning mode will be exited.	The radio LED flashes rapidly then turns off.

Commercial door operator accessory for use only with LiftMaster® solid state commercial door operators.

***HOW TO ORDER  
REPAIR PARTS***

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**WHEN ORDERING REPAIR PARTS  
PLEASE SUPPLY THE  
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- ✓ PART NUMBER
- ✓ DESCRIPTION
- ✓ MODEL NUMBER