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# CX-93M-26 Installation Instructions

Model	Description	Features	Current Draw
CX-93M-26	Single	Basic	480mA @ 12V; 240mA @ 24V

**SHOCK HAZARD.** Care must be taken to keep the power supply and wiring isolated from ground (earth). Use of an ohmmeter to test for shorts is recommended prior to service.

### A. 12V DC Input:

Set jumpers for 12V DC operation. (See diagram below)  
 Connect the ground (-) lead from a 12V DC power source to terminal 2.  
 Connect the positive (+) lead from a 12V DC power source to terminal 1.

### B. 24V DC Input:

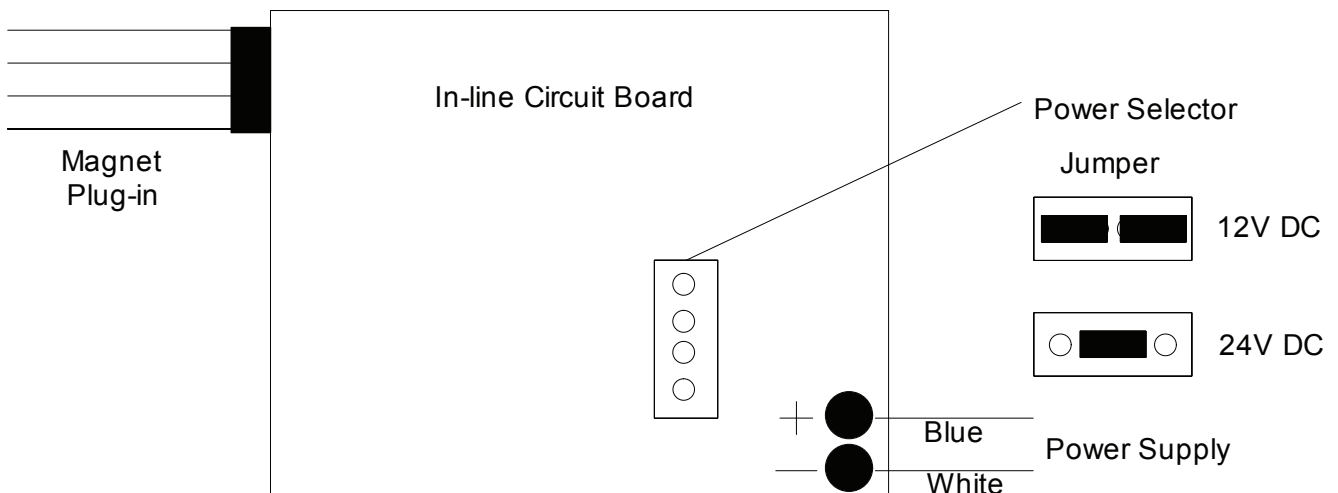
Unit is delivered from Factory with single jumper ON for 24V operation.  
 Connect the ground (-) lead from a 24V DC power source to terminal 2.  
 Connect the positive (+) lead from a 24V DC power source to terminal.

### C. Contacts:

The integrated reed switch is used to determine that the door is aligned and closed. The benefit to this is that there is no “in-rush” current!

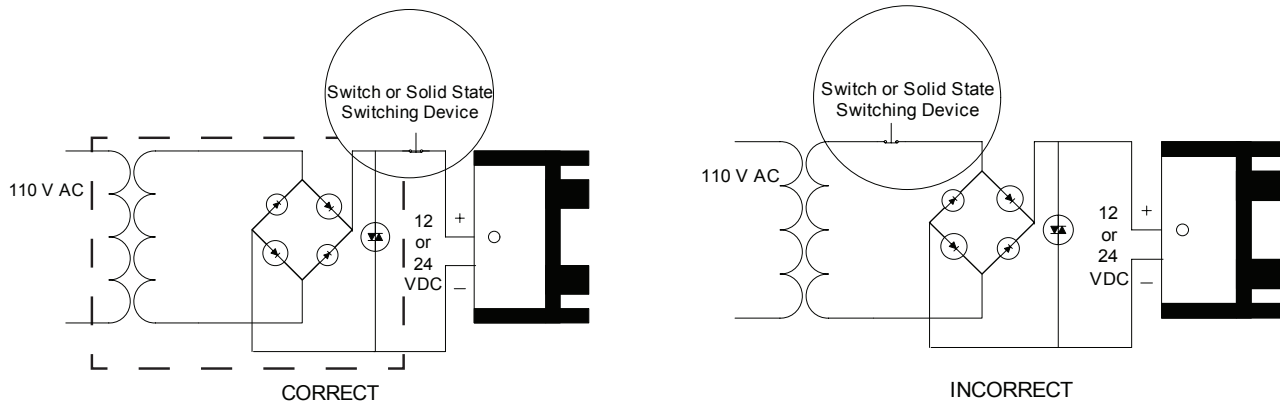
### Printed Circuit Board Schematic

(shown with all options)



## Important

Power switch should always be wired as shown below in order to minimize the effect of residual magnetism. Contact Camden for other wiring considerations.



## MOUNTING INSTRUCTIONS FOR 2600 LB SHEAR LOCK

### REQUIREMENTS:

When armature is installed on a wooden door, make sure the door thickness is enough to provide an extra 5mm on each side of the armature for proper installation.

### 1. INSTALLATION:

- Place the armature plate on the chosen location of the door edge. Mark down the screw positions, and then draw the outline of the armature plate on the door edge.
- Cut along outline (for metal door) or carve out the inside portion (for wooden door) and drill screw holes.
- Repeat above steps for magnet body (on door frame).
- Install armature and magnet inside respective mortise and secure with provided screws. Reed switch on magnet must face permanent magnet on armature plate.
- Connect cable to terminal block according to wiring instruction.
- Ideal gap clearance between armature and magnet is 2-5mm. This can be achieved by adjusting the two screws on the armature plate.

### 2. INSTALLATION CHECK:

- If when door is closed, magnet body and armature plate do not lock; reduce gap clearance.
- If magnet body and armature plate lock activate when door is not closed, increase gap clearance.