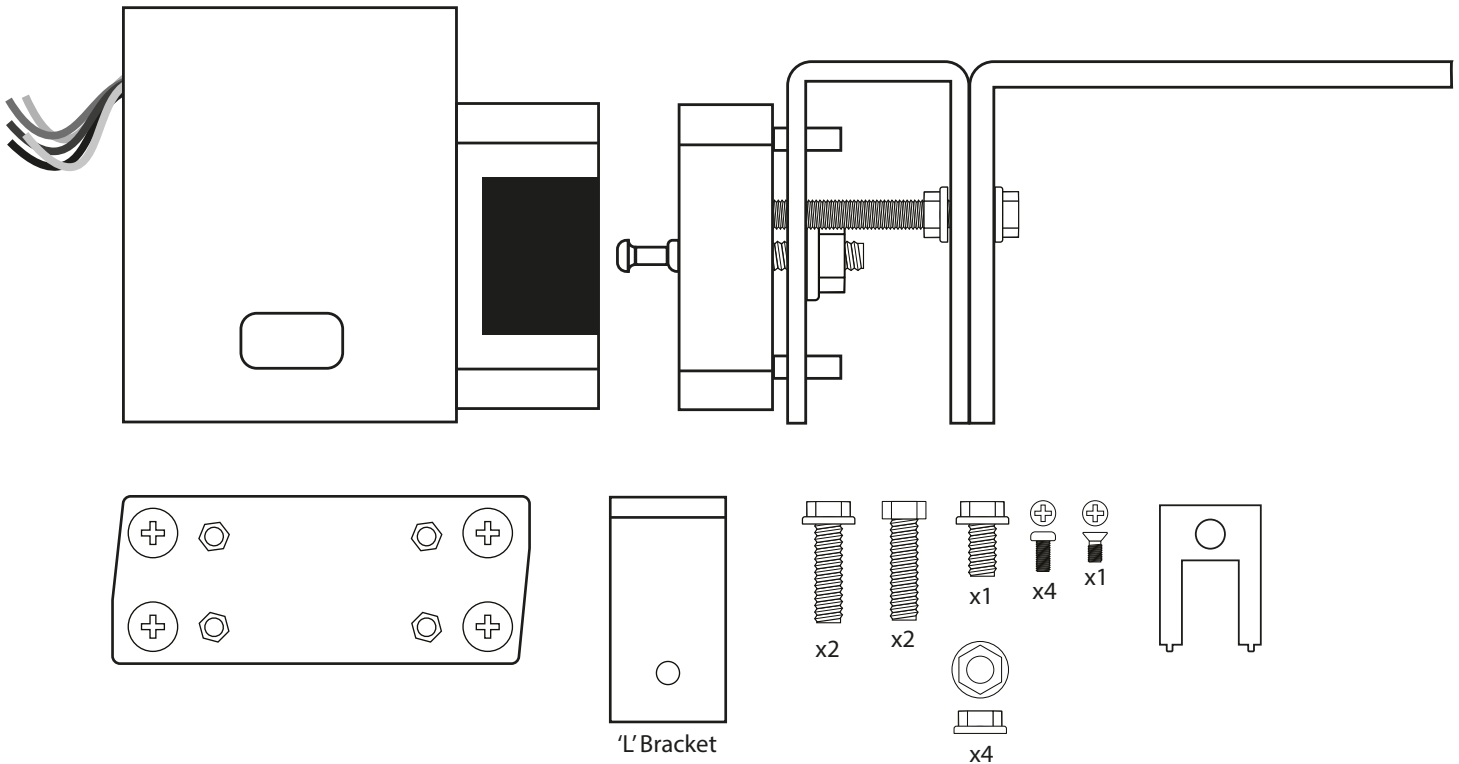


PACK CONTENTS



Read all instructions before starting installation

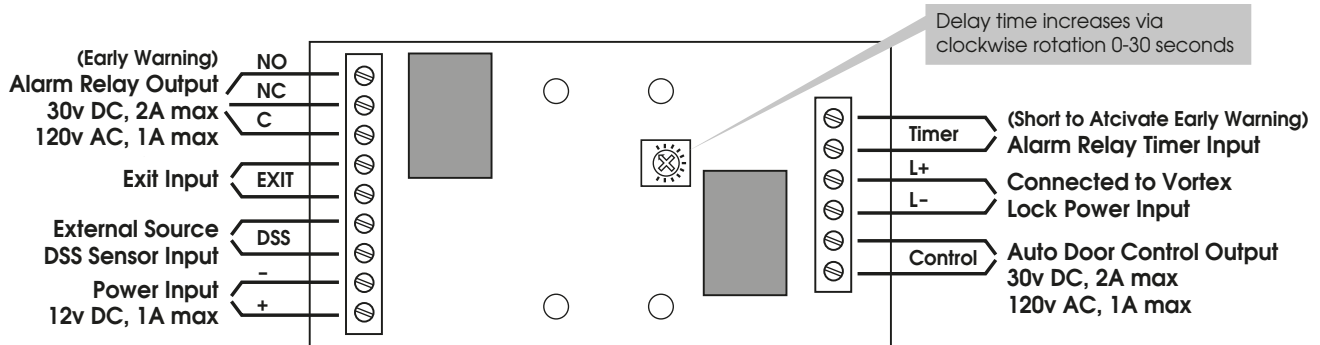
Wiring & Power Input requirements

Vortex Lock Wiring - to PCB

Vortex power input: 9v DC, **RED (+)**; **BLACK (-)**
 EW sensor output: **White (NC)**, **Brown (C)**, **Gray (NO)**, 30v DC, 0.2A max

PCB Connection

Power input: 12/24 vDC (12v/0.28A)
 DSS sensor input: Normally open
 Vortex lock: Connect to Vortex power input. Connect L+ to **RED (+)**
 Power output: Connect L- to **BLACK (-)**
 Exit input: Normally open (not supplied)
 Auto door control output: Normally open. Relay output. Connect to auto door control panel input
 Alarm relay timer input: Normally open. Short to activate the C/NC/NO alarm relay output. Connect to EW sensor output **Brown and Gray**
 Alarm relay output: C/NC/NO alarm relay output. 0 - 30 seconds delay timer



Note: if the DSS is not being utilised in operation this input terminal must be bridged.

Read all instructions before starting installation

Functions

A. Automatic door Open to Close sequencer

When the Auto Door returns to closed position the Vortex lock detects the armature plate and after a time delay of 0.5 seconds (to allow the auto door control relay output to deactivate) the Vortex automatically locks.

B. Automatic door Close to Open sequencer

When the PCB receives an 'EXIT' input, the Vortex lock releases and after a time delay of 0.5 seconds the auto door control relay output (NO/NC changeover contacts) is activated allowing the door to open.

C. Security Alarm feature

The Vortex lock is provided with the unique and patented "Early Warning" security alarm. If an attempted forced entry occurs, the Vortex will immediately activate the alarm relay output for either local warning (can be connected to external sounder or camera)(or remote indication. The activation time of alarm can be adjusted from 0 to 30 seconds by the potentiometer located on the circuit board.

Installation Procedure

1. Adjust "L" fixing bracket to armature plate with "U" bracket on the track.
2. Fix "L" fixing bracket to armature plate with "U" bracket to door supporting roller bracket.
3. Fix Vortex 4400 magnetic lock and bracket to the sliding door track.
4. Ensure Vortex armature plate locking pin is correctly aligned to couple with the Vortex 4400 magnet centre hole (you can refer to figure 1).
5. Do not over tighten the armature plate against roller carriage. The armature plate must remain floating to allow correct alignment with the magnet face or the magnet lock will lose holding force without this alignment.
6. Connect 12-24v DC power and test operation.
7. If the PSS is not being utilised in operation this input terminal must be bridged.

