

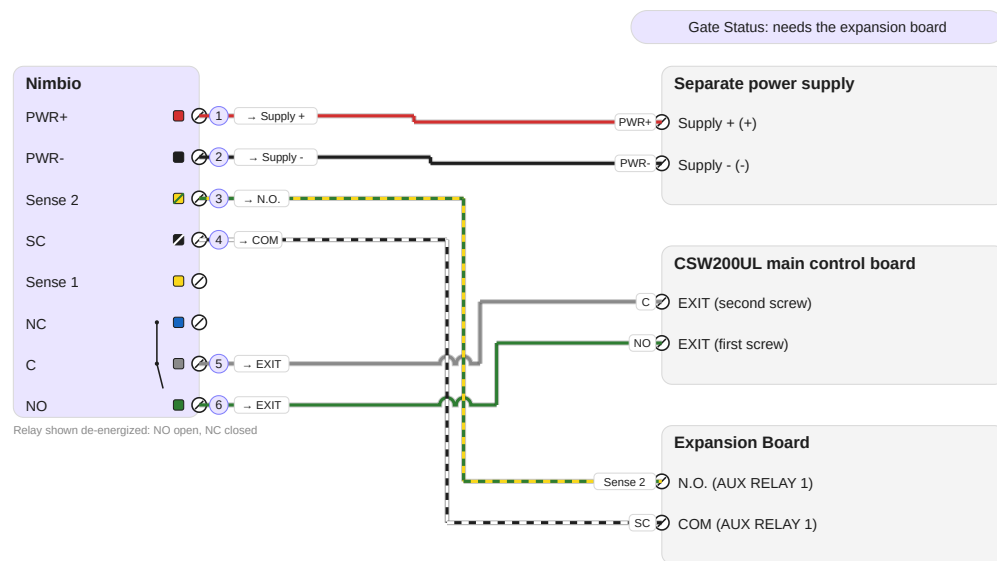
Wiring guide: LiftMaster CSW200UL and CSW24UL

CSW200UL main control board · Nimbio terminal strip: PWR+, PWR-, Sense 2, SC, Sense 1, NC, C, NO

Note: This operator cannot supply enough continuous power for Nimbio. Use a separate 12–24V AC or DC power supply.

Gate Status: requires the operator's expansion board.

No suitable output on your operator? A magnetic gate switch can report the gate's position instead: wire its two leads to Sense 1 and SC for fully closed, or to Sense 2 and SC for fully open. The switch must be a dry contact that puts out no power of its own; if yours puts out power, add a relay that turns it into a dry contact.



Legend

1. Nimbio PWR+ (red) → Supply + (+) on the Separate power supply
2. Nimbio PWR- (black) → Supply - (-) on the Separate power supply
3. Nimbio Sense 2 (yellow/green stripe) → N.O. (AUX RELAY 1) on the Expansion Board
4. Nimbio SC (black/white stripe) → COM (AUX RELAY 1) on the Expansion Board
5. Nimbio C (grey) → EXIT (second screw) on the CSW200UL main control board
6. Nimbio NO (green) → EXIT (first screw) on the CSW200UL main control board

Setting: three switches = OFF, OFF, ON (Open Limit Switch) (Expansion Board, AUX RELAY 1 switches 1, 2, 3)

NC: Not used

Sense 1: Not used

Cautions

Power Nimbio from a separate 12-24 V AC or DC power supply, not from the operator board. The board's accessory output is rated 500 mA, but Nimbio installations powered from this board have had unstable power.

Sense-line polarity does not depend on the wiring. Nimbio maps each sense line's triggered and untriggered state to an Open or Closed label after installation. If Gate Status shows the opposite of the physical gate, contact Nimbio support to have the labels switched; no rewiring is needed.

Wire colors

PWR+ — red
PWR- — black
Sense 2 — yellow/green stripe
SC — black/white stripe
Sense 1 — yellow
NC — blue
C — grey
NO — green

Connections

Nimbio terminal	Operator terminal	Number	Board
PWR+	Supply +	+	Separate power supply
PWR-	Supply -	-	Separate power supply
Sense 2	N.O.	AUX RELAY 1	Expansion Board
SC	COM	AUX RELAY 1	Expansion Board
Sense 1	Not used	—	—
NC	Not used	—	—
C	EXIT	second screw	CSW200UL main control board
NO	EXIT	first screw	CSW200UL main control board

Settings on the operator

three switches: OFF, OFF, ON (Open Limit Switch) (Expansion Board, AUX RELAY 1 switches 1, 2, 3)