

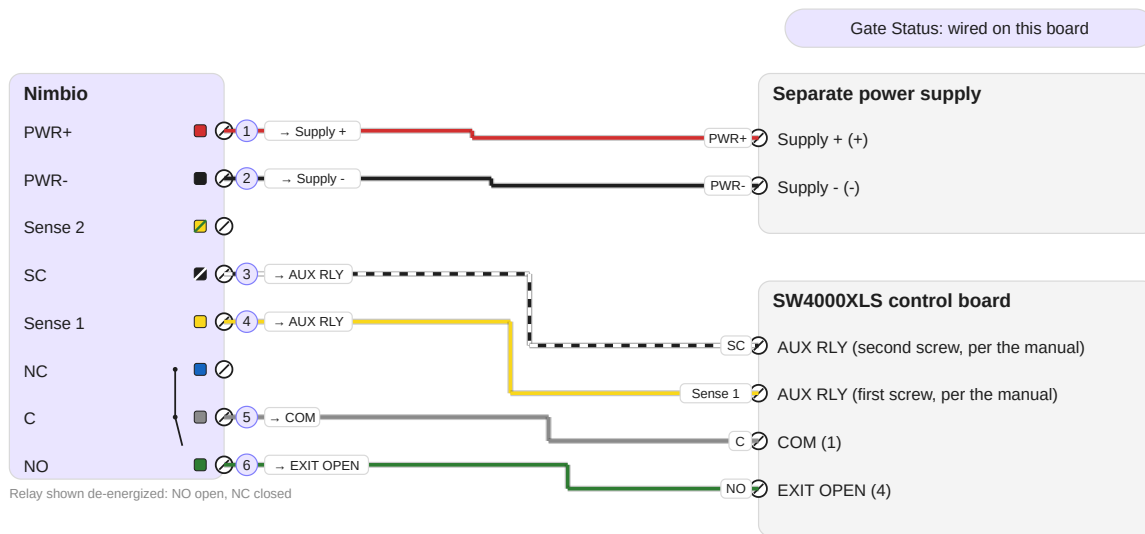
Wiring guide: Mighty Mule (GTO) SW4000XLS

SW4000XLS 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: wired on the main 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 SC (black/white stripe) → AUX RLY (second screw, per the manual) on the SW4000XLS control board
4. Nimbio Sense 1 (yellow) → AUX RLY (first screw, per the manual) on the SW4000XLS control board
5. Nimbio C (grey) → COM (1) on the SW4000XLS control board
6. Nimbio NO (green) → EXIT OPEN (4) on the SW4000XLS control board

NC: Not used

Sense 2: Not used with MOVING

Cautions

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	Not used with MOVING	—	—
SC	AUX RLY	second screw, per the manual	SW4000XLS control board
Sense 1	AUX RLY	first screw, per the manual	SW4000XLS control board
NC	Not used	—	—
C	COM	1	SW4000XLS control board
NO	EXIT OPEN	4	SW4000XLS control board