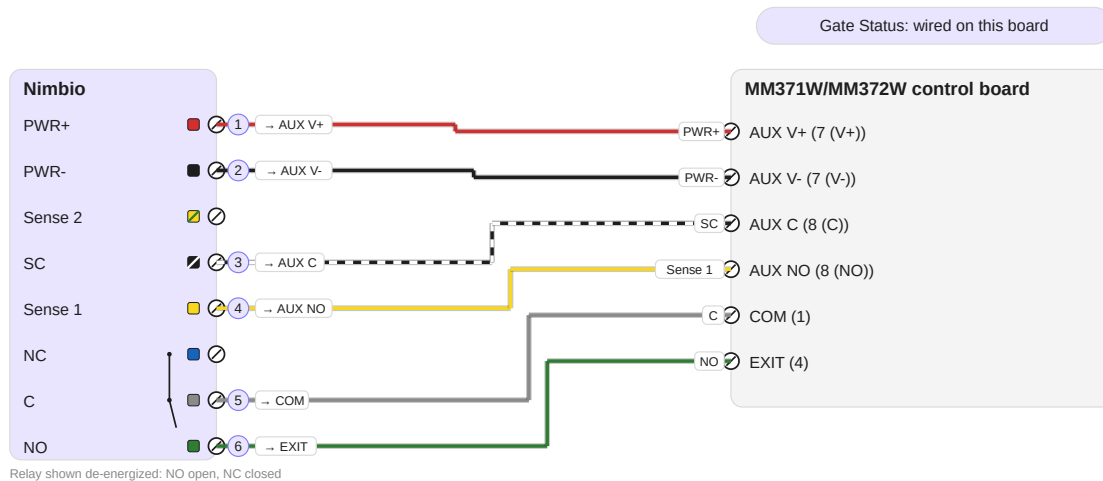


Wiring guide: Mighty Mule MM371W and MM372W

MM371W/MM372W control board · Nimbio terminal strip: PWR+, PWR-, Sense 2, SC, Sense 1, NC, C, NO

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) → AUX V+ (7 (V+)) on the MM371W/MM372W control board
 2. Nimbio PWR- (black) → AUX V- (7 (V-)) on the MM371W/MM372W control board
 3. Nimbio SC (black/white stripe) → AUX C (8 (C)) on the MM371W/MM372W control board
 4. Nimbio Sense 1 (yellow) → AUX NO (8 (NO)) on the MM371W/MM372W control board
 5. Nimbio C (grey) → COM (1) on the MM371W/MM372W control board
 6. Nimbio NO (green) → EXIT (4) on the MM371W/MM372W control board
- NC: Not used
Sense 2: Not used with MOVING

Cautions

AUX V+ / AUX V- draw from the operator's own battery. The manual warns that continuous use over 20 mA is not recommended on a solar-only site ("Using this power output will drain your operator battery."); the Nimbio draws 40 to 70 mA, more than that limit. On a solar-powered gate, give the Nimbio its own supply instead of AUX V+/V-.

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+	AUX V+	7 (V+)	MM371W/MM372W control board
PWR-	AUX V-	7 (V-)	MM371W/MM372W control board
Sense 2	Not used with MOVING	—	—
SC	AUX C	8 (C)	MM371W/MM372W control board
Sense 1	AUX NO	8 (NO)	MM371W/MM372W control board
NC	Not used	—	—
C	COM	1	MM371W/MM372W control board
NO	EXIT	4	MM371W/MM372W control board