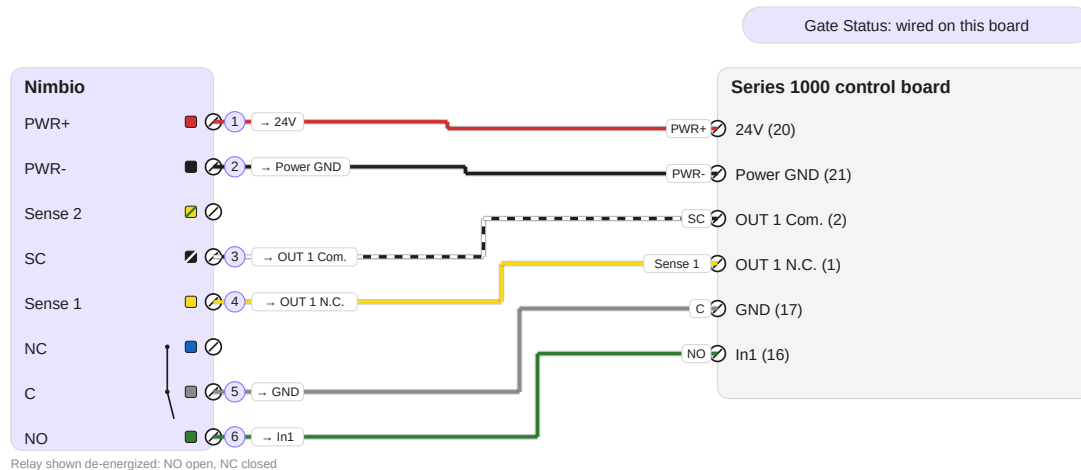


Wiring guide: Nice Apollo 1050

Series 1000 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) → 24V (20) on the Series 1000 control board
2. Nimbio PWR- (black) → Power GND (21) on the Series 1000 control board
3. Nimbio SC (black/white stripe) → OUT 1 Com. (2) on the Series 1000 control board
4. Nimbio Sense 1 (yellow) → OUT 1 N.C. (1) on the Series 1000 control board
5. Nimbio C (grey) → GND (17) on the Series 1000 control board
6. Nimbio NO (green) → In1 (16) on the Series 1000 control board

Setting: Aux Output 1 = MOVING (operator settings)

NC: Not used

Sense 2: Not used with MOVING

Cautions

Standby mode must be off. Terminal 20 (24V) turns off when the operator enters Standby, and Nimbio loses power with it. If

Standby has to stay on, for example on a solar-powered operator, power Nimbio from a separate 12–24V AC or DC power supply instead.

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+	24V	20	Series 1000 control board
PWR-	Power GND	21	Series 1000 control board
Sense 2	Not used with MOVING	—	—
SC	OUT 1 Com.	2	Series 1000 control board
Sense 1	OUT 1 N.C.	1	Series 1000 control board
NC	Not used	—	—
C	GND	17	Series 1000 control board
NO	In1	16	Series 1000 control board

Settings on the operator

Aux Output 1: MOVING (operator settings)